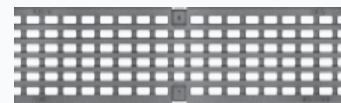
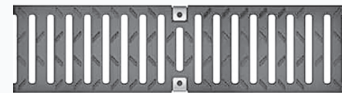
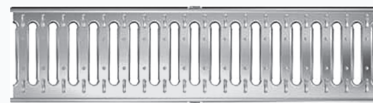




**TD-2026**

# **GRP & STEEL** TRENCH DRAIN SYSTEMS **CATALOG** **2026**



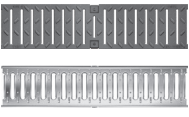

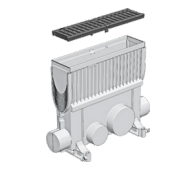






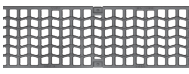

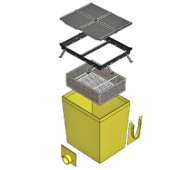

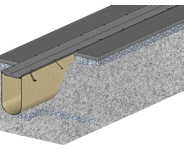
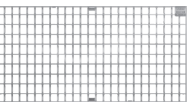
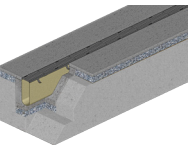
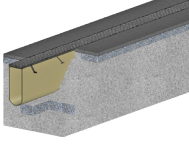
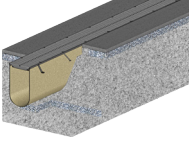
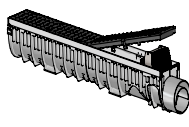
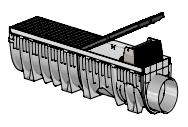
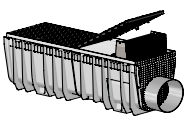

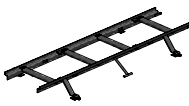

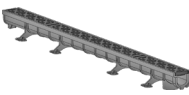
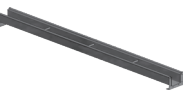
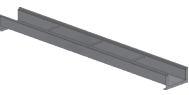






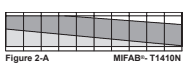
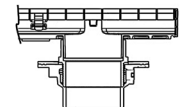
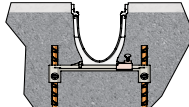

**GRP & STEEL TRENCH  
DRAIN PRODUCTS**



**2", 4", 8", 12" INTERNAL WIDTHS - SHALLOW CHANNELS - CATCH BASINS  
(3", 6", 10" AND 14" OVERALL WIDTHS)**

**LIT-046**

## PICTORIAL INDEX

 <p>GLASS FIBER REINFORCED POLYESTER (GRP) FOR MAXIMUM FLEXIBILITY (PAGE 4)</p>	 <p>GLASS FIBER REINFORCED POLYESTER (GRP) MATERIAL ADVANTAGES (PAGE 5)</p>	 <p>CLIPFIX / PROFIX UNIVERSAL GRATES (PAGE 6)</p>	 <p>CLIPFIX AND PROFIX UNIVERSAL GRATE FIXING MECHANISM (PAGE 7)</p>	 <p>T1400-CB620-13 - GALVANIZED STEEL EDGE RAIL, T1400-CB620 - NO EDGE RAIL, T1400-CB620-3 - STAINLESS STEEL EDGE RAIL, T1400-CB620-4 - DUCTILE IRON FRAME (PAGE 13)</p>	 <p>T1460 - NO EDGE RAIL, T1460-4 - DUCTILE IRON FRAME 4" INTERNAL WIDTH, SHALLOW CHANNEL (PAGES 13, 44)</p>
 <p>T1400-13 - GALVANIZED STEEL EDGE RAIL, T1400 - NO EDGE RAIL, T1400-3 - STAINLESS STEEL EDGE RAIL, T1400-4 - DUCTILE IRON FRAME 4" INTERNAL WIDTH CHANNELS (PAGE 14)</p>	 <p>T300 - NO EDGE, SHALLOW NO SLOPE CHANNELS - 4" INTERNAL WIDTH (PAGES 16, 17)</p>	 <p>T2000-CB620-13 - GALVANIZED STEEL EDGE RAIL, T2000-CB620 - NO EDGE RAIL, T2000-CB620-3 - STAINLESS STEEL EDGE RAIL, T2000-CB620-4 - DUCTILE IRON FRAME (PAGE 19)</p>	 <p>T2060 - NO EDGE RAIL, T2060-4 - DUCTILE IRON FRAME 8" INTERNAL WIDTH, SHALLOW CHANNEL (PAGE 19)</p>	 <p>T2000-13 - GALVANIZED STEEL EDGE RAIL, T2000 - NO EDGE RAIL, T2000-3 - STAINLESS STEEL EDGE RAIL, T2000-4 - DUCTILE IRON FRAME 8" INTERNAL WIDTH CHANNELS (PAGE 20)</p>	 <p>GRATES FOR T2000, T2060 - 8" INTERNAL WIDTH CHANNELS (PAGE 21)</p>
 <p>T3000-13 - GALVANIZED STEEL EDGE RAIL, T3000 - NO EDGE RAIL, 12" INTERNAL WIDTH CHANNELS (PAGE 24)</p>	 <p>T2000-CB2024 - FIBERGLASS CATCH BASIN (PAGE 24)</p>	 <p>T2000-CB2024-55 (PAGE 24)</p>	 <p>T3100 - 12" INTERNAL WIDTH, PRESLOPED, FIBERGLASS CHANNELS (PAGE 26)</p>	 <p>GRATES FOR T3000, T3100 - 12" INTERNAL WIDTH CHANNELS (PAGE 27)</p>	 <p>T1600 - 4" INTERNAL WIDTH, PRESLOPED, FIBERGLASS HIGH CAPACITY CHANNELS (PAGE 28)</p>
 <p>T2200 - 8" INTERNAL WIDTH, PRESLOPED, FIBERGLASS HIGH CAPACITY CHANNELS (PAGE 28)</p>	 <p>T3200 - 12" INTERNAL WIDTH, PRESLOPED, FIBERGLASS HIGH CAPACITY CHANNELS (PAGE 28)</p>	 <p>T1400-LT - 4" INTERNAL WIDTH, GRP LINT TROUGH (PAGE 29)</p>	 <p>T2000-LT - 8" INTERNAL WIDTH, GRP LINT TROUGH (PAGE 29)</p>	 <p>T3000-LT - 12" INTERNAL WIDTH, GRP LINT TROUGH (PAGE 29)</p>	 <p>T1400-F - 4" INTERNAL WIDTH FRAME AND GRATE (PAGE 30)</p>
 <p>T2000-F - 8" INTERNAL WIDTH FRAME AND GRATE (PAGE 30)</p>	 <p>T3000-F - 12" INTERNAL WIDTH FRAME AND GRATE (PAGE 30)</p>	 <p>T250 - 2" INTERNAL WIDTH (PAGE 31)</p>	 <p>T1330 - 4" INTERNAL WIDTH STEEL CHANNELS (PAGE 32)</p>	 <p>T1360 - 8" INTERNAL WIDTH STEEL CHANNELS (PAGE 34)</p>	 <p>T5000-158 - 1 5/8" INTERNAL WIDTH ALUMINUM CHANNELS (PAGE 36)</p>
 <p>T5000-300 - 3" INTERNAL WIDTH ALUMINUM CHANNELS (PAGE 37)</p>	 <p>T4000-HDSC - UTILITY TRENCH SYSTEM (PAGE 38)</p>	 <p>T2320-FL - 6" WIDE CAST IRON TRENCH SYSTEM (PAGE 39)</p>	 <p>T2350-FL - 12" WIDE CAST IRON TRENCH SYSTEM (PAGE 39)</p>	 <p>ACCESSORIES (PAGES 40, 41)</p>	 <p>NEUTRAL FLOW CALCULATIONS (PAGES 42, 43)</p>
 <p>T1460N SHALLOW CHANNEL INSTALLATION DETAILS (PAGE 44)</p>	 <p>GRP INSTALLATION GUIDE (PAGE 45)</p>	 <p>PROJECT REFERENCES (PAGES 50-51)</p>			

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Glass Fiber Reinforced Polyester (GRP) for Maximum Flexibility .....	4
GRP Material Advantage .....	5
Clipfix and Profix Universal Grates .....	6
Clipfix and Profix Universal Grate Fixing Mechanism and Channel / Grate Selection Guide .....	7
System Pricing (Per Foot) .....	8 - 11
T1400 System Components and Features .....	12
T1460 - 4" Internal Width - Shallow Channels, Catch Basins & T1400 Accessories .....	13, 44
T1400 - 4" Internal Width Channels .....	14
Grates For T1400 & T1460 - 4" Internal Width Channels .....	15
T300 - 4" Internal Width, Shallow Channels .....	16
T300 - Grates for 4" Internal Width, Shallow Channels .....	17
T2000 System Components and Features .....	18
T2060 - 8" Internal Width - Shallow Channels, Catch Basins & T2000 Accessories .....	19, 44
T2000 - 8" Internal Width Channels .....	20
Grates for T2000 & T2060 - 8" Internal Width Channels .....	21
T3000 System Components and Features .....	22
T3000 Catch Basins - 12" Internal Width Channels & Accessories .....	23
T3000 - 12" Internal Width Channels .....	24
T2000-CB2024 - 20" x 24" Catch basin for T1400, T2000 and T3000 Channels .....	24
Grates for T3000 - 12" Internal Width Channels .....	25
T3100 - 12" Internal Width, Presloped, Fiberglass Channels .....	26
Grates for T3100 - 12" Internal Width Channels .....	27
T1600 - 4" Internal Width, Presloped, Fiberglass High Capacity Channels .....	28
T2200 - 8" Internal Width, Presloped, Fiberglass High Capacity Channels .....	28
T3200 - 12" Internal Width, Presloped, Fiberglass High Capacity Channels .....	28
T1400-LT - 4" Internal Width, GRP Lint Trough .....	29
T2000-LT - 8" Internal Width, GRP Lint Trough .....	29
T3000-LT - 12" Internal Width, GRP Lint Trough .....	29
T1400-F - 4" internal width, T2000-F, 8" internal width and T3000-F, 12" internal width Frame and Grate .....	30
T250 - 2" Internal Width Channels and Grates .....	31
T1330 - 4" Internal Width, Steel Channels .....	32
T1330 - Grates for 4" Internal Width Channels .....	33
T1360 - 8" Internal Width, Steel Channels .....	34
T1360 - Grates for Internal Width Channels .....	35
T5000-158 - 1 5/8" Internal Width, Aluminum Channels .....	36
T5000-300 - 3" Internal Width, Aluminum Channels .....	37
T4000-HDSC - Utility Trench System, various widths .....	38
T2320-FL and T2350-FL - 6" and 12" Wide Cast Iron Trench Systems .....	39
Accessories and Suspended Slab Installation Guide .....	40, 41
T1400, T2000, T3000, T3100 Accessories .....	41
Neutral Trench Drain Flow Rates Vs. Sloped Trench Drain Flow Rates .....	42, 43
Installation Device for shallow T1460 and T2060N channels .....	44
GRP Trench Drain Installation Guide .....	45
Load Class and Transportation Definitions .....	46
Chemical Resistance Chart .....	47
Common Questions and Answers .....	48, 49
Project References .....	50, 51
Typical Trench Drain Sizing Considerations .....	52
Cross Reference Guide .....	53
Terms and Warranties .....	54

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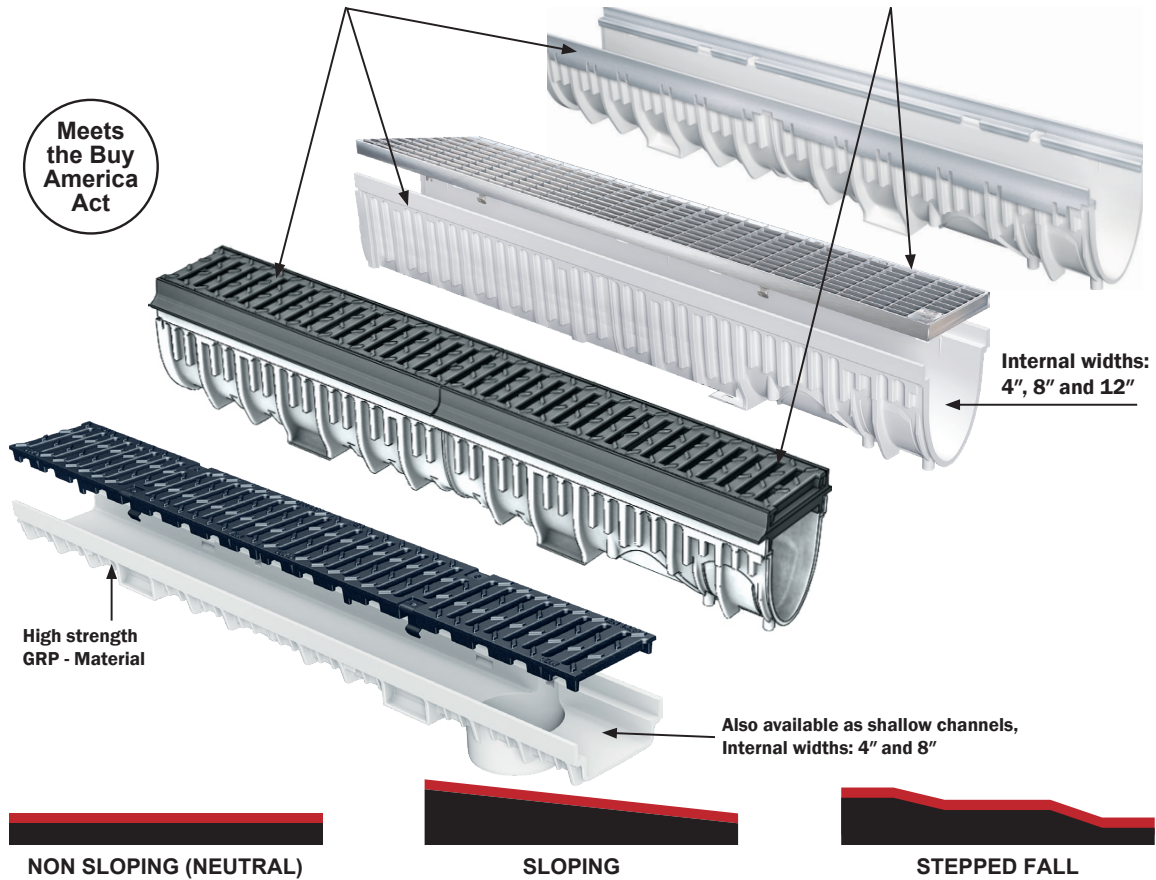
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## GLASS FIBER REINFORCED POLYESTER (GRP) FOR MAXIMUM FLEXIBILITY

GRP channels with no edge rails, up to and including Load Class D 400 kN and also with 4mm thick galvanized and stainless steel edge rails, up to and including Load Class E 600 kN and ductile iron frame at a Load Class F 900 kN.

Grates are available in plastic, galvanized, stainless steel and ductile iron up to Load Class F 900 kN. Refer to the individual grate pages for specific load ratings by profile.



### The GRP channels are ideal for:

- Vehicle Maintenance
- Commercial Areas
- Docks and Ports
- Parking Lots and Garages
- Internal Applications
- Truck Stops
- Industrial and Logistics Areas
- Fire and Police Stations
- Car Dealerships
- All Hardscape Applications
- Gas Stations
- Schools

The GRP channels with no edge rails and 4mm edge rails made of galvanized and stainless steel have been designed for maximum stability and easy installation. Ductile iron frame is also available for 4" and 8" internal width GRP channels.

- ADA grates for handicapped accessible areas
- Heelproof grates for areas with high heels
- Ductile Iron slotted, longitudinal and decorative grates
- Perforated and mesh grates made of galvanized and stainless steel
- Slotted and longitudinal grates made of galvanized and stainless steel
- Slotted and longitudinal grates available in plastic



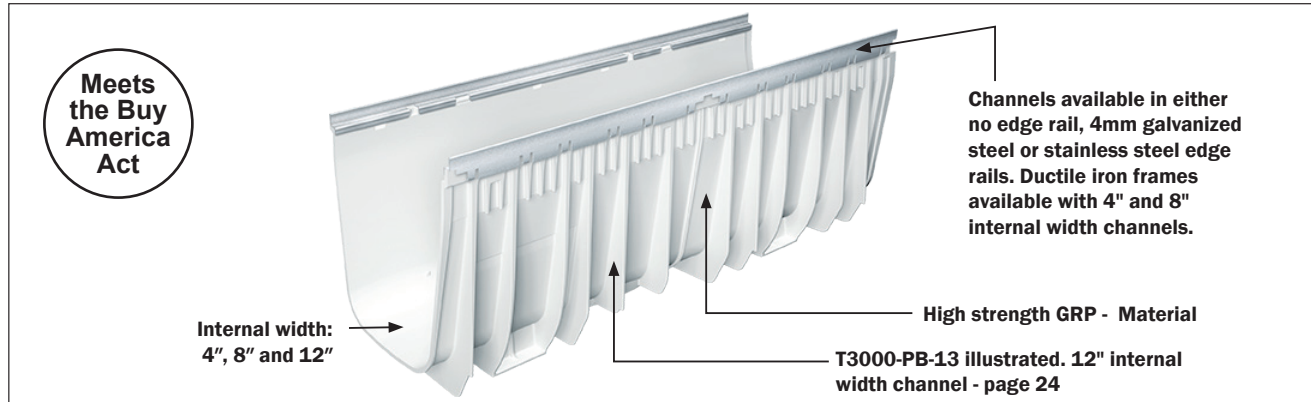
MIFAB's GRP channels are designed with a sealant groove in accordance with the EN 1433 Standard, Section 7.5 - Connecting Channel Elements. This Standard requires all channels to have the joint between channels to be designed in such a way that it can be permanently sealed. Sealant manufacturers recommend a 3/8" bead; which the MIFAB GRP conforms to.

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## GLASS FIBER REINFORCED POLYESTER (GRP) FOR MATERIAL ADVANTAGE

MIFAB®'s GRP drainage channels using SMC (sheet molded compound manufacturing) technology offers the best price and performance for projects with grates up to Load Class F 900 kN. 4", 8" and 12" internal width channels are available with no edge rails up to and including Load Class D 400 kN and also with 4mm thick galvanized and stainless steel edge rails up to and including Load Class E 600 kN. Ductile iron frame GRP channels are also available for Load Class F 900 kN applications in 4" and 8" internal width channels.

- Drainage channels made of Glass Fiber Reinforced Polyester (GRP)
- Easy to install
- Load Class up to F 900 kN



### GRP - GLASS FIBER REINFORCED POLYESTER

The GRP from MIFAB® has outstanding physical and chemical properties. These make it an extremely reliable and versatile material in even the toughest conditions.

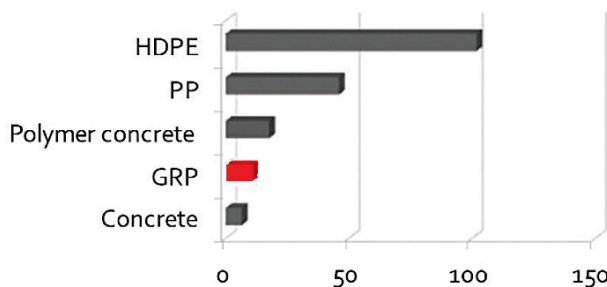
GRP channels are composed of glass fiber reinforced polyester. GRP channels are resistant to most chemicals and acids. A maximum working temperature (constant flow) of 212° Fahrenheit (100° C) and intermittent flow of 392° (200° C) is recommended. Typically, most other plastic materials (HDPE and PP) have a working temperature of 140° to 170° Fahrenheit. Polymer concrete has a maximum working temperature of 180° Fahrenheit. The minimum working temperature of GRP is minus 31° Fahrenheit. GRP channels can have asphalt installed around them with no negative effect on the channels.

### MATERIAL CONSIDERATIONS

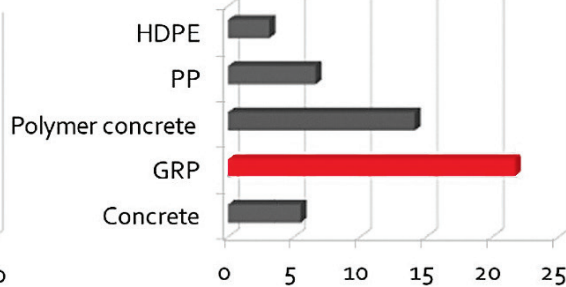
THESE SYSTEMS ARE EXPOSED TO: ELEMENTS  
EXTREME DYNAMIC LOADS  
CORROSIVE ENVIRONMENTS

A major advantage of GRP channels vs. HDPE and Polypropylene channels is that they will not warp or deform when exposed to the sun and temperature variances.

**Thermal expansion material comparison at 68° F (20°C)**



**Compressive strength (1000 psi)**



### Coefficient of expansion / contraction

The numbers on the chart represent the net value of the thermal coefficient at 20° C (68° F).

Excessive movement between the channel and concrete around the channel leads to debonding, resulting in undesirable stresses, water ingress and potential failure. 10<sup>-6</sup> IN/oF (0.000001 IN/oF).

GRP's thermal expansion is significantly less than that of HDPE and PP. Therefore, a GRP trench drain system will perform better than the industry standard HDPE and PP alternatives.


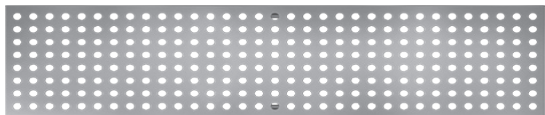







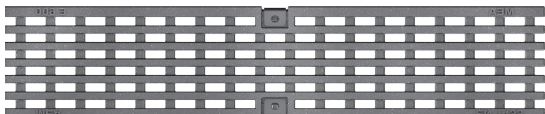

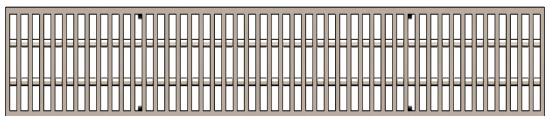
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## CLIPFIX AND PROFIX UNIVERSAL GRATES

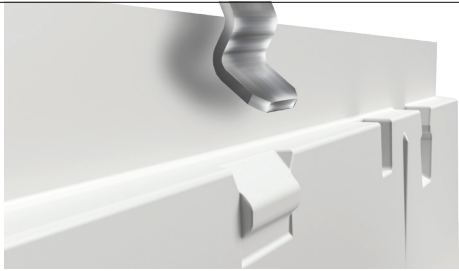
<b>GALV. &amp; S.S. - SLOTTED</b>  <b>Load Class A,C, E</b>	<b>T300 (A only), T1400, T1460</b>	<b>GALV. &amp; S.S. - PERFORATED</b>  <b>Load Class A, C</b>	<b>T300 (A only), T1400, T1460</b>
<b>PLASTIC - LONGITUDINAL</b>  <b>Load Class A</b>	<b>T300, T1400, T1460</b>	<b>GALV. &amp; S.S. - MESH</b>  <b>Load Class A, C</b>	<b>T1400, T1460, T2000, T2060, T3000</b>
<b>PLASTIC - SLOTTED</b>  <b>Load Class C</b>	<b>T1400, T1460</b>	<b>GALV. &amp; S.S. - LONGITUDINAL</b>  <b>Load Class B</b>	<b>T1400, T1460, T2000, T2060</b>
<b>DUCTILE IRON - SLOTTED</b>  <b>Load Class C, E, F</b>	<b>T1400, T1460, T2000, T2060, T3000</b>	<b>DUCTILE IRON - WAVE</b>  <b>Load Class C</b>	<b>T1400, T1460, T2000, T2060, T3000</b>
<b>DUCTILE IRON - HEELPROOF</b>  <b>Load Class C, E</b>	<b>T1400, T1460, T2000, T2060, T3000</b>	<b>DUCTILE IRON - LONGITUDINAL</b>  <b>Load Class C, E, F</b>	<b>T1400, T1460, T2000, T2060, T3000</b>
<b>DUCTILE IRON - BAVARIA</b>  <b>Load Class C</b>	<b>T1400, T1460, T2000, T2060</b>	<b>STAINLESS STEEL - BAR</b>  <b>Load Class E</b>	<b>T1400, T2000, T3000</b>

**MIFAB® offers a wide range of grates for GRP and steel channel systems that are not just functional, but also aesthetically pleasing.**

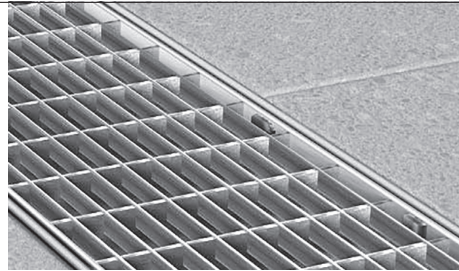
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## CLIPFIX UNIVERSAL GRATE LOCKING DESIGN



The MIFAB® GRP channels have been designed and optimized for our universal CLIPFIX grate fixing mechanism with longitudinal shift protection. The advantage: a large choice of grates and a comprehensive product offering.

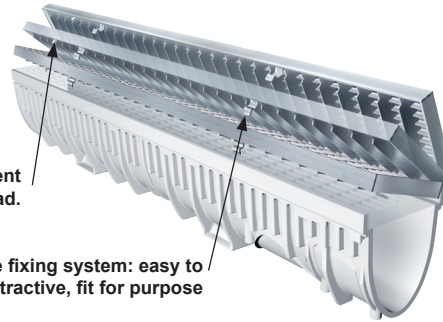


Thanks to the CLIPFIX system, the channel and grates offer an aesthetically pleasing solution when installed, because no locking devices or screws are visible.

Meets  
the Buy  
America  
Act

Longitudinal shift protection system to prevent grate movement under dynamic load.

Universal CLIPFIX grate fixing system: easy to install, aesthetically attractive, fit for purpose



## PROFIX UNIVERSAL GRATE LOCKING DESIGN

Meets  
the Buy  
America  
Act

Ductile iron frame accepts CLIPFIX, PROFIX and four bolt grates.

PROFIX locking bars

Frame sits into the seat recess of the channel.

Standard no edge T1400, T1460, T2000 and T2060 channels accept the ductile iron frame.

GRP channels are available with ductile iron frames and Load Class F 900 kN PROFIX grates in 4" and 8" internal widths.

## CHANNEL / GRATE SELECTION GUIDE

	CHANNEL EDGE RAIL MATERIAL	GRATES				
		Stainless Steel	Galvanized	Ductile Iron	Galvanized Ductile Iron	Plastic
<b>Glass Reinforced Polyester (GRP)</b>	No Edge GRP Channels	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
	Stainless Steel Integral Edge GRP Channels	<b>X</b>		<b>X</b>		<b>X</b>
	Galvanized Steel Integral Edge GRP Channels		<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
	Ductile Iron Integral Edge GRP Channels			<b>X</b>	<b>X</b>	









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
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## SYSTEM PRICING - CHANNELS AND GRATES (PER FOOT)

T1400 - 4" Internal Width (No Edge Rails)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
A	Galvanized Steel	Perforated	PGA-13-FP 	\$157.01
A	Galvanized Steel	Slotted	PGA-13-FS	\$157.01
A	Stainless Steel	Perforated	PGA-3-FP 	\$233.01
A	Stainless Steel	Slotted	PGA-3-FS	\$233.01
A	Stainless Steel	Mesh	PGA-3-SM 	\$274.52
A	Black Plastic	Longitudinal Slotted	PGA-HPP-BLK 	\$198.01
A	Grey Plastic	Longitudinal Slotted	PGA-HPP-GRY 	\$198.01
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS 	\$207.29
B	Stainless Steel	Longitudinal, Anti slip	PGB-3-WW 	\$703.96
C	Ductile Iron	Slotted	PGC-4	\$180.01
C	Ductile Iron	Slotted, galvanized	PGC-4-13	\$212.01
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$211.51
C	Ductile Iron	Longitudinal Slotted	PGC-4-ADA 	\$211.51
C	Ductile Iron	Longitudinal Slotted, galvanized	PGC-4-ADA-13 	\$274.51
C	Ductile Iron	WAVE	PGC-4-WVY	\$227.01
C	Ductile Iron	Bavaria	PGC-4-BG	\$227.01
C	Galvanized Steel	Mesh	PGC-13-GM 	\$251.41
C	Galvanized Steel	Perforated	PGC-13-FP 	\$248.01
C	Galvanized Steel	Slotted	PGC-13-FS	\$248.01
C	Galvanized Steel	Paverslot	PGC-13-SD 	\$527.01
C	Black Plastic	Heelproof Slotted	PGC-HPP 	\$215.25
C	Ductile Iron	Solid Cover	SCC-4 	\$217.01
C	Stainless Steel	Slotted	PGC-3-FS	\$351.01
C	Stainless Steel	Perforated	PGC-3-FP 	\$351.01
C	Stainless Steel	Mesh	PGC-3-SM 	\$393.16
C	Stainless Steel	Paverslot	PGC-3-SD 	\$658.81

T1400-13 - 4" Internal Width (Galvanized Steel Integral Edge Rails)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
A	Galvanized Steel	Perforated	PGA-13-FP 	\$258.99
A	Galvanized Steel	Slotted	PGA-13-FS	\$258.99
A	Black Plastic	Longitudinal Slotted	PGA-HPP-BLK 	\$299.99
A	Grey Plastic	Longitudinal Slotted	PGA-HPP-GRY 	\$299.99
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS 	\$309.27
C	Ductile Iron	Slotted	PGC-4	\$281.99
C	Ductile Iron	Slotted, galvanized	PGC-4-13	\$313.99
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$313.49
C	Ductile Iron	Longitudinal Slotted	PGC-4-ADA 	\$313.49
C	Ductile Iron	Longitudinal Slotted, galvanized	PGC-4-ADA-13 	\$376.49
C	Ductile Iron	WAVE	PGC-4-WVY	\$328.99
C	Ductile Iron	Bavaria	PGC-4-BG	\$328.99
C	Galvanized Steel	Mesh	PGC-13-GM 	\$353.39
C	Galvanized Steel	Perforated	PGC-13-FP 	\$349.99
C	Galvanized Steel	Slotted	PGC-13-FS	\$349.99
C	Galvanized Steel	Paverslot	PGC-13-SD 	\$628.99
C	Black Plastic	Heelproof Slotted	PGC-HPP 	\$317.23
C	Ductile Iron	Solid Cover	SCC-4 	\$318.99
E	Ductile Iron	Heelproof Slotted	PGE-4-HP 	\$351.99
E	Ductile Iron	Longitudinal Slotted	PGE-4-ADA 	\$351.99
E	Ductile Iron	Longitudinal Slotted, galvanized	PGE-4-ADA-13 	\$403.99
E	Ductile Iron	Longitudinal Slotted, USA 	PGE-4-ADA-ARRA	\$376.99
E	Ductile Iron	Longitudinal Slotted, galvanized, USA 	PGE-4-ADA-13-ARRA	\$429.99
E	Ductile Iron	Slotted	PGE-4	\$305.99
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$322.99
E	Galvanized Steel	Slotted	PGE-13-FS	\$333.13

T1400-4 - 4" Internal Width (Ductile Iron Frames)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
F	Ductile Iron	Slotted	PGF-4-PX	\$323.02
F	Ductile Iron	Slotted, galvanized	PGF-4-PX-13	\$349.02
F	Ductile Iron	Slotted, 4 bolt	PGF-4-B	\$323.02
F	Ductile Iron	Slotted, 4 bolt, galvanized	PGF-4-B-13	\$349.02
F	Ductile Iron	Longitudinal Slotted	PGF-4-ADA-PX 	\$356.45
F	Ductile Iron	Longitudinal Slotted, galvanized	PGF-4-ADA-PX-13 	\$398.70

T300 - 4" Internal Width - Residential (No Edge Rails)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
A	Galvanized Steel	Perforated	PGA-13-FP 	\$76.37
A	Galvanized Steel	Slotted	PGA-13-FS	\$76.37
A	Stainless Steel	Perforated	PGA-3-FP 	\$152.37
A	Stainless Steel	Slotted	PGA-3-FS	\$152.37
A	Stainless Steel	Mesh	PGA-3-SM 	\$193.88
A	Black Plastic	Longitudinal Slotted	PGA-HPP-BLK 	\$117.37
A	Grey Plastic	Longitudinal Slotted	PGA-HPP-GRY 	\$117.37
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS 	\$126.65
B	Stainless Steel	Longitudinal, Anti slip	PGB-3-WW 	\$623.32
B	Ductile Iron	Slotted	PGB-4	\$98.72

T1400-3 - 4" Internal Width (Stainless Steel Integral Edge Rails)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
A	Stainless Steel	Perforated	PGA-3-FP 	\$431.02
A	Stainless Steel	Slotted	PGA-3-FS	\$431.02
A	Stainless Steel	Mesh	PGA-3-SM 	\$472.53
A	Black Plastic	Longitudinal Slotted	PGA-HPP-BLK 	\$396.02
A	Grey Plastic	Longitudinal Slotted	PGA-HPP-GRY 	\$396.02
B	Stainless Steel	Longitudinal, Anti Slip	PGB-3-WW 	\$901.97
C	Ductile Iron	Slotted	PGC-4	\$378.02
C	Ductile Iron	Slotted, galvanized	PGC-4-13	\$410.02
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$409.52
C	Ductile Iron	Longitudinal Slotted	PGC-4-ADA 	\$409.52
C	Ductile Iron	Longitudinal Slotted, galvanized	PGC-4-ADA-13 	\$472.52
C	Ductile Iron	WAVE	PGC-4-WVY	\$425.02
C	Ductile Iron	Bavaria	PGC-4-BG	\$425.02
C	Black Plastic	Heelproof Slotted	PGC-HPP 	\$413.26
C	Ductile Iron	Solid Cover	SCC-4 	\$415.02
C	Stainless Steel	Slotted	PGC-3-FS	\$549.02
C	Stainless Steel	Perforated	PGC-3-FP 	\$549.02
C	Stainless Steel	Mesh	PGC-3-SM 	\$591.17
C	Stainless Steel	Paverslot	PGC-3-SD 	\$856.82
E	Stainless Steel	Bar	PGE-3-SBG	\$910.02
E	Ductile Iron	Heelproof Slotted	PGE-4-HP 	\$448.02
E	Ductile Iron	Longitudinal Slotted	PGE-4-ADA 	\$448.02
E	Ductile Iron	Longitudinal Slotted, USA 	PGE-4-ADA-ARRA	\$473.02
E	Ductile Iron	Slotted	PGE-4	\$402.02
E	Stainless Steel	Slotted	PGE-3-FS	\$626.23

<b>Cutting Charges</b>	T1400, T1400-3, T1400-4, T1400-13 - Cutting / per cut - (including bodies and grates - but does not include bonding of channel bodies)	<b>\$270.75</b>
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**NOTE: Lockdowns** The CLIPFIX locking clips are included with all of the above Class A - E grates.

The PROFIX and 4 bolt assemblies are included with all of the above Class F grates.

Catch basins, outlets, end caps and installation devices are priced separately and not included in the above System Pricing. (See Page 13)












See page 12 for explanation of ADA compliant grates












See page 12 for explanation of Heelproof compliant grates













CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.









**SYSTEM PRICING - CHANNELS AND GRATES (PER FOOT)**

<b>T2000 - 8" Internal Width</b> No Edge Rails				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
A	Galvanized Steel	Mesh	PGA-13-GM 	\$361.25
A	Stainless Steel	Mesh	PGA-3-SM 	\$983.00
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS 	\$377.95
B	Stainless Steel	Longitudinal, Anti slip	PGB-3-WW 	\$1,286.25
C	Ductile Iron	Slotted	PGC-4	\$317.10
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$404.22
C	Ductile Iron	WAVE	PGC-4-WVY	\$404.22
C	Ductile Iron	Bavaria	PGC-4-BG	\$404.22
C	Galvanized Steel	Mesh	PGC-13-GM 	\$510.39
C	Galvanized Steel	Paverslot	PGC-13-SD 	\$377.45
C	Stainless Steel	Mesh	PGC-3-SM 	\$1,039.10
C	Stainless Steel	Paverslot	PGC-3-SD 	\$544.76

<b>T2000-4 - 8" Internal Width</b> Ductile Iron Frames				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
D	Ductile Iron	Solid Cover	SCD-4-PX 	\$475.38
F	Ductile Iron	Slotted	PGF-4-PX	\$551.58
F	Ductile Iron	Slotted, galvanized	PGF-4-PX-13	\$615.63
F	Ductile Iron	Slotted, 4 bolt	PGF-4-B	\$551.58
F	Ductile Iron	Slotted, 4 bolt, galvanized	PGF-4-B-13	\$615.63
F	Ductile Iron	Longitudinal Slotted	PGF-4-ADA-PX 	\$560.79
F	Ductile Iron	Longitudinal Slotted, galvanized	PGF-4-ADA-PX-13 	\$650.08

<b>T3100 - 12" Internal Width</b> Galvanized Steel Integral Edge Rails				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
C	Galvanized Steel	Mesh	PGC-13-GM 	\$943.64
C	Ductile Iron	Slotted	PGC-4	\$487.76
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$768.76
C	Ductile Iron	WAVE	PGC-4-WVY	\$712.49
E	Ductile Iron	Slotted	PGE-4	\$772.36
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$851.36
E	Ductile Iron	Heelproof Slotted	PGE-4-HP 	\$832.76
E	Ductile Iron	Longitudinal Slotted	PGE-4-ADA 	\$832.76
E	Ductile Iron	Longitudinal Slotted, galvanized	PGE-4-ADA-13 	\$1,046.76
E	Ductile Iron	Solid Cover	SCE-4 	\$779.76
F	Ductile Iron	Slotted, 4 bolt	PGF-4-B	\$624.75
F	Ductile Iron	Slotted, 4 bolt, galvanized	PGF-4-B-13	\$751.23

<b>T2000-13 - 8" Internal Width</b> Galvanized Steel Integral Edge Rails				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
A	Galvanized Steel	Mesh	PGA-13-GM 	\$422.15
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS 	\$438.85
C	Ductile Iron	Slotted	PGC-4	\$378.00
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$465.12
C	Ductile Iron	WAVE	PGC-4-WVY	\$465.12
C	Ductile Iron	Bavaria	PGC-4-BG	\$465.12
C	Galvanized Steel	Mesh	PGC-13-GM 	\$571.29
C	Galvanized Steel	Paverslot	PGC-13-SD 	\$438.35
D	Ductile Iron	Solid Cover	SCD-4-PX 	\$440.40
E	Ductile Iron	Slotted	PGE-4	\$441.00
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$504.00
E	Ductile Iron	Heelproof Slotted	PGE-4-HP 	\$504.00
E	Ductile Iron	Longitudinal Slotted	PGE-4-ADA 	\$504.00
E	Ductile Iron	Longitudinal Slotted, galvanized	PGE-4-ADA-13 	\$643.65
E	Ductile Iron	Longitudinal Slotted, USA	PGE-4-ADA-ARRA 	\$628.00
E	Ductile Iron	Longitudinal Slotted, galvanized, USA 	PGE-4-ADA-13-ARRA 	\$752.65

<b>T2000-3 - 8" Internal Width</b> Stainless Steel Integral Edge Rails				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
A	Stainless Steel	Mesh	PGA-3-SM 	\$1,415.62
B	Stainless Steel	Longitudinal, Anti slip	PGB-3-WW 	\$1,718.87
C	Ductile Iron	Slotted	PGC-4	\$749.72
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$836.84
C	Ductile Iron	WAVE	PGC-4-WVY	\$836.84
C	Ductile Iron	Bavaria	PGC-4-BG	\$836.84
C	Stainless Steel	Mesh	PGC-3-SM 	\$1,471.72
C	Stainless Steel	Paverslot	PGC-3-SD 	\$977.38
E	Stainless Steel	Bar	PGE-3-SBG	\$1,966.67
E	Ductile Iron	Slotted	PGE-4	\$812.72
E	Ductile Iron	Heelproof Slotted	PGE-4-HP 	\$875.72
E	Ductile Iron	Longitudinal Slotted	PGE-4-ADA 	\$875.72
E	Ductile Iron	Longitudinal Slotted, USA	PGE-4-ADA-ARRA 	\$999.72


**NOTE: Lockdowns** The CLIPFIX locking clips are included with all of the above Class A - E grates.

The PROFIX and 4 bolt assemblies are included with all of the above Class F grates.

Catch basins, outlets, end caps and installation devices are priced separately and not included in the above System Pricing. (See Page 19)

<b>Cutting Charges</b>	T2000, T2000-3, T2000-4, T2000-13 - Cutting / per cut - (including bodies and grates - but does not include bonding of channel bodies)	<b>\$333.50</b>
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 See page 12 for explanation of ADA compliant grates

 See page 12 for explanation of Heelproof compliant grates

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



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
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## SYSTEM PRICING - CHANNELS AND GRATES (PER FOOT)










T1460 - 4" Internal Width, 55MM Deep No Edge Rails				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
A	Galvanized Steel	Perforated	PGA-13-FP 	\$137.04
A	Galvanized Steel	Slotted	PGA-13-FS	\$137.04
A	Stainless Steel	Perforated	PGA-3-FP 	\$213.04
A	Stainless Steel	Slotted	PGA-3-FS	\$213.04
A	Stainless Steel	Mesh	PGA-3-SM 	\$254.55
A	Black Plastic	Longitudinal Slotted	PGA-HPP-BLK 	\$178.04
A	Grey Plastic	Longitudinal Slotted	PGA-HPP-GRY 	\$178.04
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS 	\$187.32
B	Stainless Steel	Longitudinal, Anti slip	PGB-3-WW 	\$683.99
C	Ductile Iron	Slotted	PGC-4	\$160.04
C	Ductile Iron	Slotted, galvanized	PGC-4-13	\$192.04
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$191.54
C	Ductile Iron	Longitudinal Slotted	PGC-4-ADA 	\$191.54
C	Ductile Iron	Longitudinal Slotted, galvanized	PGC-4-ADA-13 	\$254.54
C	Ductile Iron	WAVE	PGC-4-WVY	\$207.04
C	Ductile Iron	Bavaria	PGC-4-BG	\$207.04
C	Galvanized Steel	Mesh	PGC-13-GM 	\$231.44
C	Galvanized Steel	Perforated	PGC-13-FP 	\$228.04
C	Galvanized Steel	Slotted	PGC-13-FS	\$228.04
C	Galvanized Steel	Paverslot	PGC-13-SD 	\$507.04
C	Black Plastic	Heelproof Slotted	PGC-HPP 	\$195.28
C	Ductile Iron	Solid Cover	SCC-4 	\$197.04
C	Stainless Steel	Slotted	PGC-3-FS	\$331.04
C	Stainless Steel	Perforated	PGC-3-FP 	\$331.04
C	Stainless Steel	Mesh	PGC-3-SM 	\$373.19
C	Stainless Steel	Paverslot	PGC-3-SD 	\$638.84



T1460-4 - 4" Internal Width, 55MM Deep Ductile Iron Frames				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
F	Ductile Iron	Slotted	PGF-4-PX	\$303.12
F	Ductile Iron	Slotted, galvanized	PGF-4-PX-13	\$329.12
F	Ductile Iron	Slotted, 4 bolt	PGF-4-B	\$303.12
F	Ductile Iron	Slotted, 4 bolt, galvanized	PGF-4-B-13	\$329.12
F	Ductile Iron	Longitudinal slotted	PGF-4-ADA-PX 	\$336.55
F	Ductile Iron	Longitudinal slotted, galvanized	PGF-4-ADA-PX-13 	\$378.80




**NOTE:** Lockdowns The CLIPFIX locking clips are included with all of the above Class A - E grates.







The PROFIX and 4 bolt assemblies are included with all of the above Class F grates.

**Catch basins, outlets, end caps and installation devices are priced separately & not included in the above System Pricing. (See Pages 13, 19 & 23)**

T2060 - 8" Internal Width, 100MM Deep No Edge Rails				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
A	Galvanized Steel	Mesh	PGA-13-GM 	\$345.16
A	Stainless Steel	Mesh	PGA-3-SM 	\$966.91
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS 	\$361.86
B	Stainless Steel	Longitudinal, Anti slip	PGB-3-WW 	\$1,270.16
C	Ductile Iron	Slotted	PGC-4	\$301.01
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$388.13
C	Ductile Iron	WAVE	PGC-4-WVY	\$388.13
C	Ductile Iron	Bavaria	PGC-4-BG	\$388.13
C	Galvanized Steel	Mesh	PGC-13-GM 	\$494.30
C	Galvanized Steel	Paverslot	PGC-13-SD 	\$361.36
C	Stainless Steel	Mesh	PGC-3-SM 	\$1,023.01
C	Stainless Steel	Paverslot	PGC-3-SD 	\$528.67

T2060-4 - 8" Internal Width, 100MM Deep Ductile Iron Frames				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
F	Ductile Iron	Slotted	PGF-4-PX	\$535.50
F	Ductile Iron	Slotted, galvanized	PGF-4-PX-13	\$599.55
F	Ductile Iron	Slotted, 4 bolt	PGF-4-B	\$535.50
F	Ductile Iron	Slotted, 4 bolt, galvanized	PGF-4-B-13	\$599.55
F	Ductile Iron	Longitudinal slotted	PGF-4-ADA-PX 	\$544.71
F	Ductile Iron	Longitudinal slotted, galvanized	PGF-4-ADA-PX-13 	\$634.00

T3000 - 12" Internal Width No Edge Rails				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
C	Galvanized Steel	Mesh	PGC-13-GM 	\$836.02
C	Stainless Steel	Mesh	PGC-3-SM 	\$1,466.74
C	Ductile Iron	Slotted	PGC-4	\$380.14
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$661.14
C	Ductile Iron	WAVE	PGC-4-WVY	\$604.87

T3000-13 - 12" Internal Width Galvanized Steel Integral Edge Rails				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
C	Galvanized Steel	Mesh	PGC-13-GM 	\$925.66
C	Ductile Iron	Slotted	PGC-4	\$469.78
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$750.78
C	Ductile Iron	WAVE	PGC-4-WVY	\$694.51
E	Ductile Iron	Slotted	PGE-4	\$754.38
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$833.38
E	Ductile Iron	Heelproof Slotted	PGE-4-HP 	\$814.78
E	Ductile Iron	Longitudinal Slotted	PGE-4-ADA 	\$814.78
E	Ductile Iron	Longitudinal Slotted, galvanized	PGE-4-ADA-13 	\$1,028.78
E	Ductile Iron	Solid Cover	SCE-4 	\$761.78

<b>Cutting Charges</b>	T1460 - Cutting / per cut - (including bodies and grates - but does not include bonding of channel bodies)	<b>\$253.50</b>
<b>Cutting Charges</b>	T2060 - Cutting / per cut - (including bodies and grate - but does not include bonding of channel bodies)	<b>\$320.00</b>
<b>Cutting Charges</b>	T3000, T3000-13 - Cutting / per cut - (including bodies and grates - but does not include bonding of channel bodies)	<b>\$433.50</b>



See page 12 for explanation of ADA compliant grates



See page 12 for explanation of Heelproof compliant grates

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



## SYSTEM PRICING - CHANNELS AND GRATES (PER FOOT)

T1330 - 4" Internal Width (Steel channel with grate)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
A	Galvanized Steel	Perforated	PGA-13-FP	\$497.64
A	Galvanized Steel	Slotted	PGA-13-FS	\$497.64
A	Stainless Steel	Perforated	PGA-3-FP	\$573.64
A	Stainless Steel	Slotted	PGA-3-FS	\$573.64
A	Stainless Steel	Mesh	PGA-3-SM	\$615.15
A	Black Plastic	Longitudinal Slotted	PGA-HPP-BLK	\$538.64
A	Grey Plastic	Longitudinal Slotted	PGA-HPP-GRY	\$538.64
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS	\$547.92
B	Stainless Steel	Longitudinal, Anti slip	PGB-3-WW	\$1,044.59
C	Ductile Iron	Slotted	PGC-4	\$520.64
C	Ductile Iron	Slotted, galvanized	PGC-4-13	\$552.64
C	Ductile Iron	Heelproof Slotted	PGC-4-HP	\$552.14
C	Ductile Iron	Longitudinal Slotted	PGC-4-ADA	\$552.14
C	Ductile Iron	Longitudinal Slotted, galvanized	PGC-4-ADA-13	\$615.14
C	Ductile Iron	Wave	PGC-4-WVY	\$567.64
C	Ductile Iron	Bavaria	PGC-4-BG	\$567.64
C	Ductile Iron	Solid Cover	SCC-4	\$557.64
C	Galvanized Steel	Mesh	PGC-13-GM	\$592.04
C	Galvanized Steel	Perforated	PGC-13-FP	\$588.64
C	Galvanized Steel	Slotted	PGC-13-FS	\$588.64
C	Galvanized Steel	Paverslot	PGC-13-SD	\$867.64
C	Black Plastic	Heelproof Slotted	PGC-HPP	\$555.88
C	Stainless Steel	Slotted	PGC-3-FS	\$691.64
C	Stainless Steel	Perforated	PGC-3-FP	\$691.64
C	Stainless Steel	Mesh	PGC-3-SM	\$733.79
C	Stainless Steel	Paverslot	PGC-3-SD	\$999.44
E	Ductile Iron	Heelproof Slotted	PGE-4-HP	\$590.64
E	Ductile Iron	Longitudinal Slotted	PGE-4-ADA	\$590.64
E	Ductile Iron	Longitudinal Slotted, galvanized	PGE-4-ADA-13	\$642.64
E	Ductile Iron	Longitudinal Slotted, USA	PGE-4-ADA-ARRA	\$615.64
E	Ductile Iron	Longitudinal Slotted, galvanized, USA	PGE-4-ADA-13-ARRA	\$668.64
E	Ductile Iron	Slotted	PGE-4	\$544.64
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$561.64
E	Stainless Steel	Bar	PGE-3-SBG	\$1,052.64
E	Stainless Steel	Slotted	PGE-3-FS	\$768.85
E	Galvanized Steel	Slotted	PGE-13-FS	\$571.78
F	Ductile Iron	Slotted, 4 bolt	PGF-4-B	\$589.64
F	Ductile Iron	Slotted, 4 bolt, galvanized	PGF-4-B-13	\$615.64

T1360 - 8" Internal Width (Steel channel with grate)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
A	Galvanized Steel	Mesh	PGA-13-GM	\$711.57
A	Stainless Steel	Mesh	PGA-3-SM	\$1,333.32
B	Galvanized Steel	Longitudinal slotted	PGB-13-LS	\$728.27
B	Stainless Steel	Longitudinal, Anti slip	PGB-3-WW	\$1,636.57
C	Ductile Iron	Slotted	PGC-4	\$667.42
C	Ductile Iron	Heelproof Slotted	PGC-4-HP	\$754.54
C	Ductile Iron	Wave	PGC-4-WVY	\$754.54
C	Ductile Iron	Bavaria	PGC-4-BG	\$754.54
C	Galvanized Steel	Mesh	PGC-13-GM	\$860.71
C	Galvanized Steel	Paverslot	PGC-13-SD	\$727.77
C	Stainless Steel	Paverslot	PGC-3-SD	\$895.08
C	Stainless Steel	Mesh	PGC-3-SM	\$1,389.42
E	Ductile Iron	Slotted	PGE-4	\$730.42
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$793.42
E	Ductile Iron	Heelproof Slotted	PGE-4-HP	\$793.42
E	Ductile Iron	Longitudinal slotted	PGE-4-ADA	\$793.42
E	Ductile Iron	Longitudinal Slotted, galvanized	PGE-4-ADA-13	\$933.07
E	Ductile Iron	Longitudinal Slotted, USA	PGE-4-ADA-ARRA	\$917.42
E	Ductile Iron	Longitudinal Slotted, galvanized, USA	PGE-4-ADA-13-ARRA	\$1,042.07
E	Stainless Steel	Bar	PGE-3-SBG	\$1,884.37
F	Ductile Iron	Slotted, 4 bolt	PGF-4-B	\$806.02
F	Ductile Iron	Slotted, 4 bolt, galvanized	PGF-4-B-13	\$870.07

**NOTE:** Lockdowns The CLIPFIX locking clips are included with all of the above grates.

T1330, T1360: Catch basins, outlets, end caps and installation devices are priced separately and not included in the above System Pricing. (See Pages 32 & 34)

 See page 12 for explanation of ADA compliant grates

 See page 12 for explanation of Heelproof compliant grates

## SYSTEM PRICING - CHANNELS AND FRAMES (PER FOOT)

T1400-F - 4" Internal Width (Steel Frame)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
A	Galvanized Steel	Perforated	PGA-13-FP	\$190.89
A	Galvanized Steel	Slotted	PGA-13-FS	\$190.89
A	Stainless Steel	Perforated	PGA-3-FP	\$266.89
A	Stainless Steel	Slotted	PGA-3-FS	\$266.89
A	Stainless Steel	Mesh	PGA-3-SM	\$308.40
A	Black Plastic	Longitudinal Slotted	PGA-HPP-BLK	\$231.89
A	Grey Plastic	Longitudinal Slotted	PGA-HPP-GRY	\$231.89
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS	\$241.17
B	Stainless Steel	Longitudinal, Anti slip	PGB-3-WW	\$737.84
C	Ductile Iron	Slotted	PGC-4	\$213.89
C	Ductile Iron	Slotted, galvanized	PGC-4-13	\$245.89
C	Ductile Iron	Heelproof Slotted	PGC-4-HP	\$245.39
C	Ductile Iron	Longitudinal Slotted	PGC-4-ADA	\$245.39
C	Ductile Iron	Longitudinal Slotted, galvanized	PGC-4-ADA-13	\$308.39
C	Ductile Iron	Wave	PGC-4-WVY	\$260.89
C	Ductile Iron	Bavaria	PGC-4-BG	\$260.89
C	Ductile Iron	Solid Cover	SCC-4	\$250.89
C	Galvanized Steel	Mesh	PGC-13-GM	\$285.29
C	Galvanized Steel	Perforated	PGC-13-FP	\$281.89
C	Galvanized Steel	Slotted	PGC-13-FS	\$281.89
C	Galvanized Steel	Paverslot	PGC-13-SD	\$560.89
C	Black Plastic	Heelproof Slotted	PGC-HPP	\$249.13
C	Stainless Steel	Slotted	PGC-3-FS	\$384.89
C	Stainless Steel	Perforated	PGC-3-FP	\$384.89
C	Stainless Steel	Mesh	PGC-3-SM	\$427.04
C	Stainless Steel	Paverslot	PGC-3-SD	\$692.69
E	Ductile Iron	Heelproof Slotted	PGE-4-HP	\$283.89
E	Ductile Iron	Longitudinal Slotted	PGE-4-ADA	\$283.89
E	Ductile Iron	Longitudinal Slotted, galvanized	PGE-4-ADA-13	\$335.89
E	Ductile Iron	Longitudinal Slotted, USA	PGE-4-ADA-ARRA	\$308.89
E	Ductile Iron	Longitudinal Slotted, galvanized, USA	PGE-4-ADA-13-ARRA	\$361.89
E	Ductile Iron	Slotted	PGE-4	\$237.89
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$254.89
E	Stainless Steel	Bar	PGE-3-SBG	\$745.89
E	Stainless Steel	Slotted	PGE-3-FS	\$462.10
E	Galvanized Steel	Slotted	PGE-13-FS	\$265.03
F	Ductile Iron	Slotted, 4 bolt	PGF-4-B	\$282.89
F	Ductile Iron	Slotted, 4 bolt, galvanized	PGF-4-B-13	\$308.89

T2000-F - 8" Internal Width (Steel Frame)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
A	Galvanized Steel	Mesh	PGA-13-GM	\$432.75
A	Stainless Steel	Mesh	PGA-3-SM	\$1,054.50
B	Galvanized Steel	Longitudinal slotted	PGB-13-LS	\$449.45
B	Stainless Steel	Longitudinal, Anti slip	PGB-3-WW	\$1,357.75
C	Ductile Iron	Slotted	PGC-4	\$388.60
C	Ductile Iron	Heelproof Slotted	PGC-4-HP	\$475.72
C	Ductile Iron	Wave	PGC-4-WVY	\$475.72
C	Ductile Iron	Bavaria	PGC-4-BG	\$475.72
C	Galvanized Steel	Mesh	PGC-13-GM	\$581.59
C	Galvanized Steel	Paverslot	PGC-13-SD	\$448.95
C	Stainless Steel	Mesh	PGC-3-SM	\$1,110.60
C	Stainless Steel	Paverslot	PGC-3-SD	\$616.26
E	Ductile Iron	Slotted	PGE-4	\$451.60
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$514.60
E	Ductile Iron	Heelproof Slotted	PGE-4-HP	\$514.60
E	Ductile Iron	Longitudinal slotted	PGE-4-ADA	\$514.60
E	Ductile Iron	Longitudinal Slotted, galvanized	PGE-4-ADA-13	\$654.25
E	Ductile Iron	Longitudinal Slotted, USA	PGE-4-ADA-ARRA	\$638.60
E	Ductile Iron	Longitudinal Slotted, galvanized, USA	PGE-4-ADA-13-ARRA	\$763.25
E	Stainless Steel	Bar	PGE-3-SBG	\$1,605.55
F	Ductile Iron	Slotted, 4 bolt	PGF-4-B	\$527.20
F	Ductile Iron	Slotted, 4 bolt, galvanized	PGF-4-B-13	\$591.25

T3000-F - 12" Internal Width (Steel Frame)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
C	Galvanized Steel	Mesh	PGC-13-GM	\$916.28
C	Stainless Steel	Mesh	PGC-3-SM	\$1,547.00
C	Ductile Iron	Slotted	PGC-4	\$460.40
C	Ductile Iron	Heelproof Slotted	PGC-4-HP	\$741.40
C	Ductile Iron	WAVE	PGC-4-WVY	\$685.13
E	Ductile Iron	Slotted	PGE-4	\$745.00
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$824.00
E	Ductile Iron	Heelproof Slotted	PGE-4-HP	\$805.40
E	Ductile Iron	Longitudinal Slotted	PGE-4-ADA	\$805.40
E	Ductile Iron	Longitudinal Slotted, galvanized	PGE-4-ADA-13	\$1,019.40
E	Ductile Iron	Solid Cover	SCC-4	\$752.40
F	Ductile Iron	Slotted, 4 bolt	PGF-4-B	\$597.39
F	Ductile Iron	Slotted, 4 bolt, galvanized	PGF-4-B-13	\$723.87

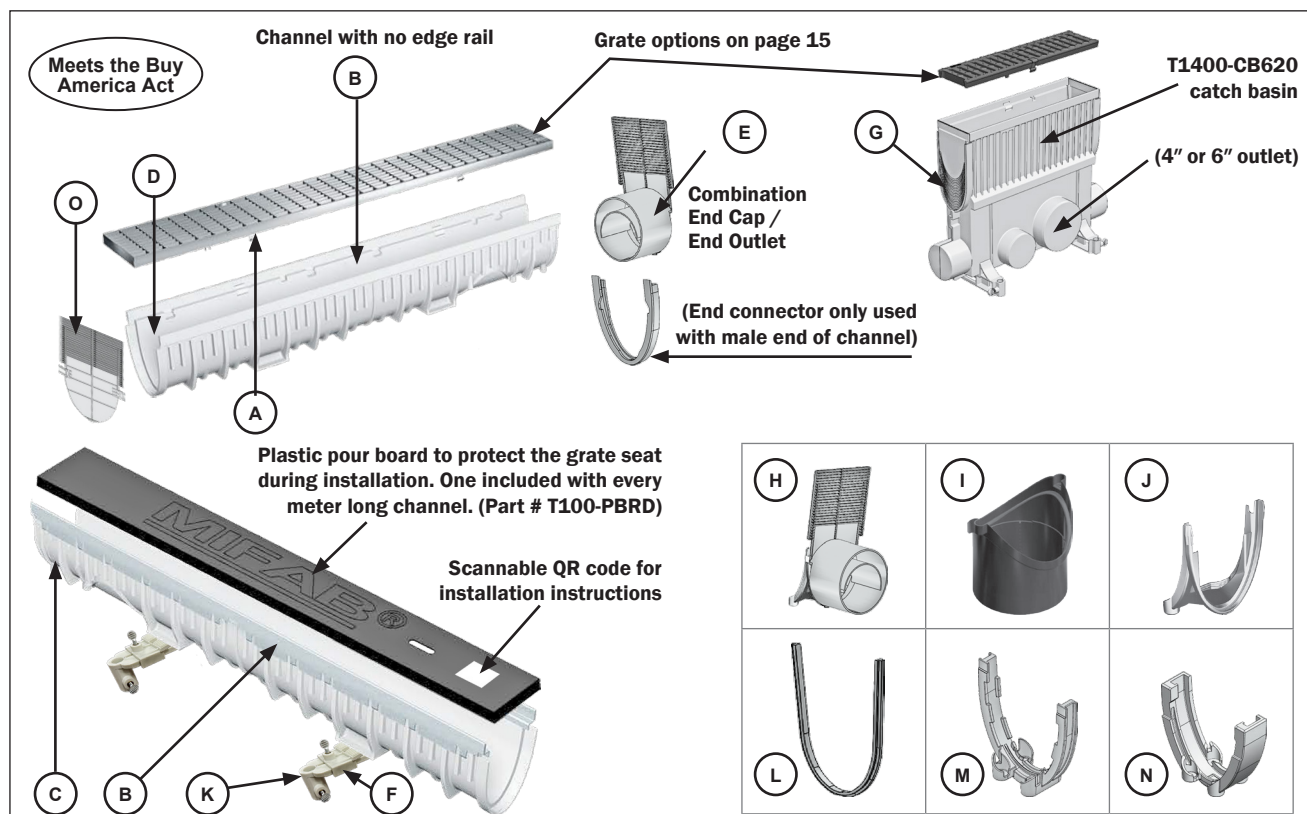
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MIFAB®, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA  
All sales subject to MIFAB's Terms and Warranties, please refer to page no. 54.

## T1400 SYSTEM COMPONENTS AND FEATURES



- A. Innovative CLIPFIX grate locking mechanism for plastic, ductile iron (up to and including Load Class E), galvanized and stainless steel grates. Innovative PROFIX grate locking mechanism and 4 bolt locking Load Class F ductile iron grates.
- B. GRP channels with no edge rails, 4mm thick galvanized and stainless steel and ductile iron frames as per EN 1433.
- C. High strength drainage channel body enables Load Class A 15kN to Load Class F 900 kN.
- D. Optimized flow cross section promotes self cleaning.
- E. 3" and 4" socket connection combination end cap / end outlet for male end of the channels for all depths. End connector provided with each end cap / end outlet for male end of channel.
- F. Deep-seated anchorage bays in the drainage channel body ensures mechanical attachment to the concrete Installation device attachment point.
- G. Two end caps, two rebar installation devices and one sediment bucket are provided with every catch basin to accept all channel depths.
- H. Side outlet. (Side channel connector and combination outlet. Part # T1400-SO4).
- I. 3" and 4" socket connection bottom outlet.
- J. Side channel connector. (Used to receive channels and side outlet).
- K. Rebar installation devices (plastic). Two included with every meter long channel.
- L. Channel insert to fill sealant groove between channels (if required).
- M. T1400-PMCC. Male to male channel connector for 1 meter long T1400 channels. (with four self tapping screws)
- N. T1400-PFMC. Female to male channel connector for 1 meter long T1400 channels. One provided at no charge with every T1400 meter long channel. (with four self tapping screws).
- O. End cap for female end of the channel for all channel depths (T1400-PEC).

Go to [www.MIFAB.com](http://www.MIFAB.com)  
for cross section details and  
specification sheets.

ADA grates are designed to have open slots no greater than 0.5 inches (13mm) wide in one direction. If the length of the slot is greater than 0.5 inches, the opening shall run perpendicular to the main direction.



Heelproof grates are designed to resist entry of pointed high heel shoes from entering the trench drain grate opening. ASME Standard A112.6.3, Section 7.12 defines Heelproof as: "A grate designed to resist entry of high-heeled shoes, in which the maximum grate hole size in least dimension shall be 5/16" (8mm) (0.31").

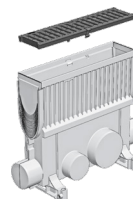


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**T1460 - 4" INTERNAL WIDTH - SHALLOW CHANNELS AND CATCH BASINS**
**T1460N-PB  
Channel Body**




**T1460N-PB-BO4**
**Channel Body with integral 4" outlet**


**Meets  
the Buy  
America  
Act**

**T1400-CB620 Catch Basin**


SCAN FOR  
SPEC. SHEETS







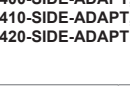











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NO EDGE RAILS (for up to and including Load Class C grates)		BODY TYPE	INVERT BODY DEPTH	T1460N-REB (two stainless steel brackets with mounting hardware. (See page 44) <b>\$25.20 for 2 pieces</b>	OVERALL BODY DEPTH	MAXIMUM FLOW RATE GPM	WEIGHT (LESS GRATE) Lbs.
Channel Model #	List Price, Each (1 Meter long)	Neutral - 0%					
<b>T1460N-PB</b>	<b>\$399.00</b>	Neutral	2"		2.17"	55	4.12
<b>T1460N-PB-500</b> (half meter long)	<b>\$239.50</b>	Neutral	2"	<b>T1460-CI channel insert</b>	2.17"	55	2.05
<b>T1460N-PB-BO4</b>	<b>\$399.00</b>	Neutral	2"		2.17"	55	4.12
<b>T1460N-SVF-3</b>	<b>\$116.25</b>	Type 304 Stainless Steel veneer frame for T1460N and T1400N no edge channels, one meter long up to and including Load Class C			<b>T1400-PFO-4 ductile iron frame</b>		
<b>T1400-PFO-4</b>	<b>\$121.50</b>	Load Class F Ductile Iron frame for T1400 and T1460N no edge channels, half meter long, (two pieces needed per channel)					
					Load Class F Ductile Iron frame for <b>T1400 and T1460N channels</b>		

**CATCH BASINS FOR T1400 CHANNELS**

GALVANIZED STEEL INTEGRAL EDGE RAILS (for up to and including Load Class E grates)		NO EDGE RAILS (for up to and including Load Class C grates)		STAINLESS STEEL INTEGRAL EDGE RAILS (for up to and including Load Class E grates)		DUCTILE IRON FRAME (for Load Class F grates)		BODY TYPE	INVERT DEPTH	OVERALL DEPTH	WEIGHT (LESS GRATE) Lbs.
Catch Basin Model #	List Price, Each (1/2 Meter long)	Catch Basin Model #	List Price, Each (1/2 Meter long)	Catch Basin Model #	List Price, Each (1/2 Meter long)	Catch Basin Model #	List Price, Each (1/2 Meter long)	Neutral - 0%			
<b>T1400-CB620-13</b>	<b>\$912.50</b>	<b>T1400-CB620</b>	<b>\$786.50</b>	<b>T1400-CB620-3</b>	<b>\$1,100.00</b>	<b>T1400-CB620-4</b>	<b>\$1,000.25</b>	Neutral	19"	19.18"	12.74
Replacement sediment bucket		<b>T1400-CB620-SB</b>	<b>\$280.00</b>								

**NOTE:** All catch basins are shipped with a sediment bucket, two end caps and two rebar installation devices.

MODEL #	DESCRIPTION	MATERIAL	LIST PRICE
<b>MI-FLEX-300</b>	3" Flexible rubber coupling to connect 3" No Hub horizontal and vertical channel outlets to drainage pipe	Rubber	<b>\$30.25</b>
<b>MI-FLEX-400</b>	4" Flexible rubber coupling to connect 4" No Hub vertical and horizontal channel outlets to drainage pipe	Rubber	<b>\$35.70</b>
<b>T1400-PSB</b>	Bottom Outlet Strainer	Stainless Steel	<b>\$106.00</b>
<b>T1400-PEO</b>	3" and 4" socket connection combination male end cap / end outlet, with connector	Plastic	<b>\$52.50</b>
<b>T1400-PEO-4</b>	3" and 4" socket connection combination male end cap / end outlet, with connector and black epoxy coated steel top cap for ductile iron frame.	Plastic / Steel	<b>\$52.50</b>
<b>T1400-PEC</b>	End cap for female end channels	Plastic	<b>\$52.50</b>
<b>T1400-PEC-4</b>	End cap for female end channels with black epoxy coated steel top cap for ductile iron frame.	Plastic / Steel	<b>\$52.50</b>
<b>T1400-PBO3</b>	3" socket connection bottom outlet	Plastic	<b>\$52.50</b>
<b>T1400-PBO4</b>	4" socket connection bottom outlet	Plastic	<b>\$52.50</b>
<b>T1400-REB</b>	Replacement Installation Device. <b>Two provided at no charge with every T1400 meter long channel</b>	Plastic	<b>\$15.25</b>
<b>T1400-SIDE-ADAPT</b>	Side Outlet Adapter for T1400N channels	Plastic	<b>\$53.50</b>
<b>T1410-SIDE-ADAPT</b>	Side Outlet Adapter for T1410N channels	Plastic	<b>\$53.50</b>
<b>T1420-SIDE-ADAPT</b>	Side Outlet Adapter for T1420N channels	Plastic	<b>\$53.50</b>
<b>T1400-SO4</b>	Side Outlet Connector (T1400-SIDE-ADAPT and T1400-PEO for T1400N, T1410N and T1420N channels)	Plastic	<b>\$106.00</b>
<b>T1460-PEC</b>	Closed End Cap for T1460N channels	Plastic	<b>\$52.50</b>
<b>MI-4ADAPT</b>	4" PVC x 4" N.P.T. adapter coupling to install around bottom outlet to connect to MIFAB® A1 body for waterproofing applications(See page 42 for application)	Plastic	<b>\$32.85</b>
<b>T1400-CI</b>	Channel insert to fill expansion gap between channels (if required)	Plastic	<b>\$40.10 / bag of 10</b>
<b>T1400-PMCC</b>	Male to male channel connector for 1 meter long T1400 channels	Plastic	<b>\$53.50</b>
<b>T1400-PFMC</b>	Female to male channel connector for 1 meter long T1400 channels. <b>One provided at no charge with every T1400 meter long channel (with four self tapping screws)</b>	Plastic	<b>\$53.50</b>
<b>T100-PBRD</b>	Replacement pour board to protect the channel during installation. <b>One included at no charge with every T1400 meter long channel</b>	Plastic	<b>\$19.75</b>
<b>T1400-BOW</b>	Bracket to lock the ductile iron frame and GRP channel together during the concrete pour	Steel	<b>\$80.00</b>

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sales@mifab.com Canada Toll Free: 1-800-387-3880

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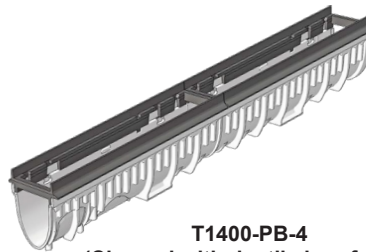




**T1400-PB-13, T1400-PB-3**  
(Channels with galvanized or stainless steel integral edge rails)



**T1400-PB**  
(Channel with no edge rail)



**T1400-PB-4**  
(Channel with ductile iron frame)



GALVANIZED STEEL INTEGRAL EDGE RAILS (for up to and including Load Class E grates)		NO EDGE RAILS (for up to and including Load Class C grates)		STAINLESS STEEL INTEGRAL EDGE RAILS (for up to and including Load Class E grates)		DUCTILE IRON FRAME (for Load Class F grates)		BODY TYPE	INVERT BODY DEPTH		OVERALL BODY DEPTH		MAXIMUM FLOW RATE	WEIGHT (LESS GRATE)
Channel Model #	List Price, Each (1 Meter long)	Channel Model #	List Price, Each (1 Meter long)	Channel Model #	List Price, Each (1 Meter long)	Channel Model #	List Price, Each (1 Meter long)	Sloped - .5% Neutral - 0%	E1 (Min.)	E2 (Max.)	E1 (Min.)	E2 (Max.)	GPM	Lbs.
T1400N-PB-13	\$799.00	T1400N-PB	\$464.50	T1400N-PB-3	\$1,114.00	T1400N-PB-4	\$707.25	Neutral	5.78"	5.78"	6.23"	6.23"	137	7.94
T1400N-PB-13-500	\$479.50 (half meter long channel)	T1400N-PB-500	\$278.75 (half meter long channel)	T1400N-PB-3-500	\$668.40 (half meter long channel)	T1400N-PB-4-500	\$424.50 (half meter long channel)	Neutral	5.78"	5.78"	6.23"	6.23"	137	4.41
T1400N-PB-13-500-DC	\$479.50 (half meter long channel, direction change)	T1400N-PB-500-DC	\$278.75 (half meter long channel, direction change)	T1400N-PB-3-500-DC	\$668.40 (half meter long channel, direction change)	T1400N-PB-4-500-DC	\$424.50 (half meter long channel, direction change)	Neutral	5.78"	5.78"	6.23"	6.23"	137	4.41
T1401-PB-13	\$799.00	T1401-PB	\$464.50	T1401-PB-3	\$1,114.00	T1401-PB-4	\$707.25	Sloped	5.78"	5.98"	6.23"	6.42"	146	8.16
T1402-PB-13	\$799.00	T1402-PB	\$464.50	T1402-PB-3	\$1,114.00	T1402-PB-4	\$707.25	Sloped	5.98"	6.18"	6.42"	6.62"	155	8.32
T1403-PB-13	\$799.00	T1403-PB	\$464.50	T1403-PB-3	\$1,114.00	T1403-PB-4	\$707.25	Sloped	6.18"	6.38"	6.62"	6.82"	163	8.49
T1404-PB-13	\$799.00	T1404-PB	\$464.50	T1404-PB-3	\$1,114.00	T1404-PB-4	\$707.25	Sloped	6.38"	6.57"	6.82"	7.01"	173	8.66
T1405-PB-13	\$799.00	T1405-PB	\$464.50	T1405-PB-3	\$1,114.00	T1405-PB-4	\$707.25	Sloped	6.57"	6.77"	7.01"	7.21"	182	8.83
T1406-PB-13	\$799.00	T1406-PB	\$464.50	T1406-PB-3	\$1,114.00	T1406-PB-4	\$707.25	Sloped	6.77"	6.97"	7.21"	7.41"	192	8.99
T1407-PB-13	\$799.00	T1407-PB	\$464.50	T1407-PB-3	\$1,114.00	T1407-PB-4	\$707.25	Sloped	6.97"	7.16"	7.41"	7.60"	203	9.16
T1408-PB-13	\$799.00	T1408-PB	\$464.50	T1408-PB-3	\$1,114.00	T1408-PB-4	\$707.25	Sloped	7.16"	7.36"	7.60"	7.80"	212	9.33
T1409-PB-13	\$799.00	T1409-PB	\$464.50	T1409-PB-3	\$1,114.00	T1409-PB-4	\$707.25	Sloped	7.36"	7.56"	7.80"	8.00"	223	9.50
T1410-PB-13	\$799.00	T1410-PB	\$464.50	T1410-PB-3	\$1,114.00	T1410-PB-4	\$707.25	Sloped	7.56"	7.75"	8.00"	8.19"	235	9.67
T1410N-PB-13	\$799.00	T1410N-PB	\$464.50	T1410N-PB-3	\$1,114.00	T1410N-PB-4	\$707.25	Neutral	7.75"	7.75"	8.19"	8.19"	235	9.57
T1410N-PB-13-500	\$479.50 (half meter long channel)	T1410N-PB-500	\$278.75 (half meter long channel)	T1410N-PB-3-500	\$668.40 (half meter long channel)	T1410N-PB-4-500	\$424.50 (half meter long channel)	Neutral	7.75"	7.75"	8.19"	8.19"	235	4.78
T1410N-PB-13-500-DC	\$479.50 (half meter long channel, direction change)	T1410N-PB-500-DC	\$278.75 (half meter long channel, direction change)	T1410N-PB-3-500-DC	\$668.40 (half meter long channel, direction change)	T1410N-PB-4-500-DC	\$424.50 (half meter long channel, direction change)	Neutral	7.75"	7.75"	8.19"	8.19"	235	4.78
T1411-PB-13	\$799.00	T1411-PB	\$464.50	T1411-PB-3	\$1,114.00	T1411-PB-4	\$707.25	Sloped	7.75"	7.95"	8.19"	8.39"	246	9.83
T1412-PB-13	\$799.00	T1412-PB	\$464.50	T1412-PB-3	\$1,114.00	T1412-PB-4	\$707.25	Sloped	7.95"	8.15"	8.39"	8.59"	262	10.00
T1413-PB-13	\$799.00	T1413-PB	\$464.50	T1413-PB-3	\$1,114.00	T1413-PB-4	\$707.25	Sloped	8.15"	8.34"	8.59"	8.78"	273	10.17
T1414-PB-13	\$799.00	T1414-PB	\$464.50	T1414-PB-3	\$1,114.00	T1414-PB-4	\$707.25	Sloped	8.34"	8.54"	8.78"	8.98"	285	10.34
T1415-PB-13	\$799.00	T1415-PB	\$464.50	T1415-PB-3	\$1,114.00	T1415-PB-4	\$707.25	Sloped	8.54"	8.74"	8.98"	9.18"	298	10.50
T1416-PB-13	\$799.00	T1416-PB	\$464.50	T1416-PB-3	\$1,114.00	T1416-PB-4	\$707.25	Sloped	8.74"	8.93"	9.18"	9.38"	311	10.67
T1417-PB-13	\$799.00	T1417-PB	\$464.50	T1417-PB-3	\$1,114.00	T1417-PB-4	\$707.25	Sloped	8.93"	9.13"	9.38"	9.57"	323	10.84
T1418-PB-13	\$799.00	T1418-PB	\$464.50	T1418-PB-3	\$1,114.00	T1418-PB-4	\$707.25	Sloped	9.13"	9.33"	9.57"	9.77"	338	11.01
T1419-PB-13	\$799.00	T1419-PB	\$464.50	T1419-PB-3	\$1,114.00	T1419-PB-4	\$707.25	Sloped	9.33"	9.53"	9.77"	9.97"	350	11.17
T1420-PB-13	\$799.00	T1420-PB	\$464.50	T1420-PB-3	\$1,114.00	T1420-PB-4	\$707.25	Sloped	9.53"	9.72"	9.97"	10.16"	365	11.34
T1420N-PB-13	\$799.00	T1420N-PB	\$464.50	T1420N-PB-3	\$1,114.00	T1420N-PB-4	\$707.25	Neutral	9.72"	9.72"	10.16"	10.16"	365	11.42
T1420N-PB-13-500	\$479.50 (half meter long channel)	T1420N-PB-500	\$278.75 (half meter long channel)	T1420N-PB-3-500	\$668.40 (half meter long channel)	T1420N-PB-4-500	\$424.50 (half meter long channel)	Neutral	9.72"	9.72"	10.16"	10.16"	365	5.71
T1420N-PB-13-500-DC	\$479.50 (half meter long channel, direction change)	T1420N-PB-500-DC	\$278.75 (half meter long channel, direction change)	T1420N-PB-3-500-DC	\$668.40 (half meter long channel, direction change)	T1420N-PB-4-500-DC	\$424.50 (half meter long channel, direction change)	Neutral	9.72"	9.72"	10.16"	10.16"	365	5.71

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.





#### LOAD CLASS A GRATES - EN 1433 - 3,372 LBS., 15kN, 70 P.S.I.

Grate Part #	Description	Length (MM)	List Price	List Price (Per Foot)	Weight	Grate Free Area (Sq. in./ft.)
T100-PGA-13-FP	Class A Galvanized Perforated Grate, 1 meter	39.37" (1000)	\$50.48	\$15.39	3.85	8.08
T100-PGA-13-FP-500	Class A Galvanized Perforated Grate, 1/2 meter	19.69" (500)	\$30.29	\$18.47	2.09	8.08
T100-PGA-3-FP	Class A Stainless Steel Perforated Grate, 1 meter	39.37" (1000)	\$299.76	\$91.39	3.85	8.08
T100-PGA-3-FP-500	Class A Stainless Steel Perforated Grate, 1/2 meter	19.69" (500)	\$179.86	\$109.67	2.09	8.08
T100-PGA-13-FS	Class A Galvanized Slotted Grate, 1 meter	39.37" (1000)	\$50.48	\$15.39	3.08	13.31
T100-PGA-13-FS-500	Class A Galvanized Slotted Grate, 1/2 meter	19.69" (500)	\$30.29	\$18.47	2.86	13.31
T100-PGA-3-FS	Class A Stainless Steel Slotted Grate, 1 meter	39.37" (1000)	\$299.76	\$91.39	3.12	13.31
T100-PGA-3-FS-500	Class A Stainless Steel Slotted Grate, 1/2 meter	19.69" (500)	\$179.86	\$109.67	2.42	13.31
T100-PGA-3-SM	Class A Stainless Steel Mesh Grate, 1 meter	39.37" (1000)	\$435.91	\$132.90	5.72	40.17
T100-PGA-3-SM-500	Class A Stainless Steel Mesh Grate, 1/2 meter	19.69" (500)	\$250.08	\$152.49	3.08	40.17
T100-PGA-HPP-BLK	Class A Plastic Longitudinal, Slotted Black Grate, 1/2 meter	19.69" (500)	\$92.48	\$56.39	1.80	7.56
T100-PGA-HPP-GRY	Class A Plastic Longitudinal, Slotted Grey Grate, 1/2 meter	19.69" (500)	\$92.48	\$56.39	1.80	7.56

#### LOAD CLASS B GRATES - EN 1433 - 28,100 LBS., 125kN, 580 P.S.I.

T100-PGB-13-LS	Class B Galvanized Longitudinal Grate, 1 meter	39.37" (1000)	\$215.40	\$65.67	8.80	28.05
T100-PGB-13-LS-500	Class B Galvanized Longitudinal Grate, 1/2 meter	19.69" (500)	\$119.64	\$72.95	4.37	28.05
T100-PGB-3-WW	Class B Stainless Steel Longitudinal, anti slip, WW Grate, 1 meter	39.37" (1000)	\$1,844.48	\$562.34	8.80	26.52
T100-PGB-3-WW-500	Class B Stainless Steel Longitudinal, anti slip, WW Grate, 1/2 meter	19.69" (500)	\$1,306.67	\$796.75	4.37	26.52

#### LOAD CLASS C GRATES - EN 1433 - 56,200 LBS., 250kN, 1,160 P.S.I.

T100-PGC-13-FP	Class C Galvanized Perforated Grate, 1 meter	39.37" (1000)	\$348.96	\$106.39	9.04	8.08
T100-PGC-13-FP-500	Class C Galvanized Perforated Grate, 1/2 meter	19.69" (500)	\$209.38	\$127.67	4.51	8.08
T100-PGC-3-FP	Class C Stainless Steel Perforated Grate, 1 meter	39.37" (1000)	\$686.80	\$209.39	9.04	8.08
T100-PGC-3-FP-500	Class C Stainless Steel Perforated Grate, 1/2 meter	19.69" (500)	\$412.08	\$251.27	4.51	8.08
T100-PGC-13-FS	Class C Galvanized Slotted Grate, 1 meter	39.37" (1000)	\$348.96	\$106.39	9.68	13.31
T100-PGC-13-FS-500	Class C Galvanized Slotted Grate, 1/2 meter	19.69" (500)	\$209.38	\$127.67	4.59	13.31
T100-PGC-3-FS	Class C Stainless Steel Slotted Grate, 1 meter	39.37" (1000)	\$686.80	\$209.39	9.32	13.31
T100-PGC-3-FS-500	Class C Stainless Steel Slotted Grate, 1/2 meter	19.69" (500)	\$412.08	\$251.27	4.62	13.31
T100-PGC-13-GM	Class C Galvanized Mesh Grate, 1 meter	39.37" (1000)	\$360.11	\$109.79	11.50	40.75
T100-PGC-13-GM-500	Class C Galvanized Mesh Grate, 1/2 meter	19.69" (500)	\$216.05	\$131.74	5.80	40.75
T100-PGC-3-SM	Class C Stainless Steel Mesh Grate, 1 meter	39.37" (1000)	\$825.05	\$251.54	11.50	40.75
T100-PGC-3-SM-500	Class C Stainless Steel Mesh Grate, 1/2 meter	19.69" (500)	\$593.22	\$361.72	5.80	40.75
T100-PGC-13-SD	Class C Galvanized Paverslot Grate, 1 meter	39.37" (1000)	\$1,264.08	\$385.39	10.25	6.00
T100-PGC-13-SD-500	Class C Galvanized Paverslot Grate, 1/2 meter	19.69" (500)	\$758.45	\$462.47	5.23	6.00
T100-PGC-13-SD-MU-500	Class C Galvanized Maintenance Unit Paverslot, 1/2 meter	19.69" (500)	\$430.32	\$262.39	7.43	3.00
T100-PGC-3-SD	Class C Stainless Steel Paverslot Grate, 1 meter	39.37" (1000)	\$1,696.38	\$517.19	10.07	6.00
T100-PGC-3-SD-500	Class C Stainless Steel Paverslot Grate, 1/2 meter	19.69" (500)	\$992.82	\$605.38	5.06	6.00
T100-PGC-3-SD-MU-500	Class C Stainless Steel Maintenance Unit Paverslot, 1/2 meter	19.69" (500)	\$676.19	\$412.31	7.43	3.00
T100-PGC-HPP	Class C Black Plastic Slotted Grate, 1/2 meter	19.69" (500)	\$120.75	\$73.63	2.35	9.84
T100-PGC-4	Class C Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$62.96	\$38.39	7.26	16.64
T100-PGC-4-13	Class C Galvanized Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$115.44	\$70.39	7.26	16.64
T100-PGC-4-HP	Class C Ductile Iron Heelproof Slotted Grate, 1/2 meter	19.69" (500)	\$114.62	\$69.89	7.26	7.42
T100-PGC-4-ADA	Class C Ductile Iron Longitudinal Grate, 1/2 meter	19.69" (500)	\$114.62	\$69.89	7.26	7.42
T100-PGC-4-ADA-13	Class C Galvanized Ductile Iron Longitudinal Grate, 1/2 meter	19.69" (500)	\$217.94	\$132.89	7.26	7.42
T100-PGC-4-WVY	Class C Ductile Iron WAVE Grate, 1/2 meter	19.69" (500)	\$140.04	\$85.39	10.12	25.96
T100-PGC-4-BG	Class C Ductile Iron Bavaria Grate, 1/2 meter	19.69" (500)	\$140.04	\$85.39	6.60	13.88
T100-SCC-4	Class C Ductile Iron Solid Cover, 1/2 meter	19.69" (500)	\$123.64	\$75.39	13.00	-

#### LOAD CLASS E GRATES - EN 1433 - 134,800 LBS., 600kN, 2,785 P.S.I.

T100-PGE-13-FS	Class E Galvanized Slotted Grate, 1 meter	39.37" (1000)	\$293.66	\$89.53	9.68	13.31
T100-PGE-13-FS-500	Class E Galvanized Slotted Grate, 1/2 meter	19.69" (500)	\$188.60	\$115.00	4.59	13.31
T100-PGE-3-FS	Class E Stainless Steel Slotted Grate, 1 meter	39.37" (1000)	\$940.05	\$286.60	9.32	13.31
T100-PGE-3-FS-500	Class E Stainless Steel Slotted Grate, 1/2 meter	19.69" (500)	\$564.03	\$343.92	4.62	13.31
T100-PGE-4	Class E Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$102.32	\$62.39	8.36	19.49
T100-PGE-4-13	Class E Galvanized Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$130.20	\$79.39	8.36	19.49
T100-PGE-4-HP	Class E Ductile Iron Heelproof Slotted Grate, 1/2 meter	19.69" (500)	\$177.76	\$108.39	8.36	7.42
T100-PGE-4-ADA	Class E Ductile Iron Longitudinal Grate, 1/2 meter	19.69" (500)	\$177.76	\$108.39	10.70	18.07
T100-PGE-4-ADA-13	Class E Galvanized Ductile Iron Longitudinal Grate, 1/2 meter	19.69" (500)	\$263.04	\$160.39	10.70	18.07
T100-PGE-4-ADA-ARRA	Class E Ductile iron Longitudinal Grate, 1/2 meter, Made in USA	19.69" (500)	\$218.76	\$133.39	10.70	18.07
T100-PGE-4-ADA-13-ARRA	Class E Galvanized Ductile iron Longitudinal Grate, 1/2 meter, Made in USA	19.69" (500)	\$305.68	\$186.39	10.70	18.07
T100-PGE-3-SBG	Class E Stainless Steel Bar Grate, 1 meter	39.37" (1000)	\$1,870.88	\$570.39	12.00	24.70
T100-PGE-3-SBG-500	Class E Stainless Steel Bar Grate, 1/2 meter	19.69" (500)	\$1,122.53	\$684.47	7.00	24.70

#### LOAD CLASS F GRATES - EN 1433 - 202,320 lbs., 900 Kn, 4,177 P.S.I.

T100-PGF-4-PX	Class F Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$176.12	\$107.39	9.50	18.83
T100-PGF-4-PX-13	Class F Galvanized Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$218.76	\$133.39	9.50	18.83
T100-PGF-4-B	Class F Ductile Iron 4 bolt slotted grate, 1/2 meter	19.69" (500)	\$176.12	\$107.39	9.50	18.83
T100-PGF-4-B-13	Class F Galvanized Ductile Iron 4 bolt slotted grate, 1/2 meter	19.69" (500)	\$218.76	\$133.39	9.50	18.83
T100-PGF-4-ADA-PX	Class F Ductile Iron Longitudinal Grate, 1/2 meter	19.69" (500)	\$230.95	\$140.82	12.00	18.07
T100-PGF-4-ADA-PX-13	Class F Galvanized Ductile Iron Longitudinal Grate, 1/2 meter	19.69" (500)	\$300.23	\$183.07	12.00	18.07

See page 12 for explanation of ADA compliant grates

See page 12 for explanation of Heelproof compliant grates

Black acid resistant epoxy coated ductile iron grates (-11B) are available. Same price as the -13 grates.

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Visit [www.mifab.com](http://www.mifab.com) for the most recent product information. Design and dimensions are subject to modification. Prices do not include applicable taxes.

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sales@mifab.com Canada Toll Free: 1-800-387-3880

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All sales subject to MIFAB's Terms and Warranties, please refer to page no. 54.

### T300 Channel Body



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SCAN FOR  
SPEC. SHEETS

### T300-CB420 Catch Basin



Go to [www.MIFAB.com](http://www.MIFAB.com) for cross section details and specification sheets.

NO EDGE RAILS (for up to and including Load Class B grates)		BODY TYPE	INVERT BODY DEPTH	OVERALL BODY DEPTH	MAXIMUM FLOW RATE	WEIGHT (LESS GRATE)
Channel Model #	List Price, Each (1 Meter long)	Neutral - 0%			GPM	Lbs.
T300-PB	\$200.00	Neutral	4.80"	5"	100	5.72
T300-SVF-3	\$255.00	Type 304 Stainless Steel veneer frame for T300 no edge channels, one meter long.				

## CATCH BASINS FOR T300 CHANNELS

NO EDGE RAILS (for up to and including Load Class B grates)		BODY TYPE	INVERT DEPTH	OVERALL DEPTH	WEIGHT (LESS GRATE)
Catch Basin Model #	List Price, Each (1/2 Meter long)	Neutral - 0%			Lbs.
T300-CB420	\$400.00	Neutral	13"	15.55"	8.80
T300-CB420-SB	\$100.00	Replacement sediment bucket. Always included with catch basin.			

NOTE: All catch basins are shipped with a sediment bucket and one T300-PEO3 end cap.

MI-FLEX-300, 400	T300-PBDS	T300-REB	T300-BO4	T300-PEO3
				

MODEL #	DESCRIPTION	MATERIAL	LIST PRICE
MI-FLEX-300	3" Flexible rubber coupling to connect 3" No Hub horizontal channel outlets to drainage pipe	Rubber	\$30.25
MI-FLEX-400	4" Flexible rubber coupling to connect 4" No Hub vertical and horizontal channel outlets to drainage pipe.	Rubber	\$35.70
T300-PBDS	Bottom Outlet Strainer	Stainless Steel	\$106.00
T300-PEO3	3" connection combination end cap / end outlet	Plastic	\$52.50
T300-BO4	4" connection bottom outlet	Plastic	\$52.50
T300-REB	Replacement Installation Device. <b>One provided at no charge with every T300 meter long channel.</b>	Plastic	\$15.25, each
T100-PBRD	Replacement pour board to protect the channel during installation. <b>One included at no charge with every T300 meter long channel.</b>	Plastic	\$19.75

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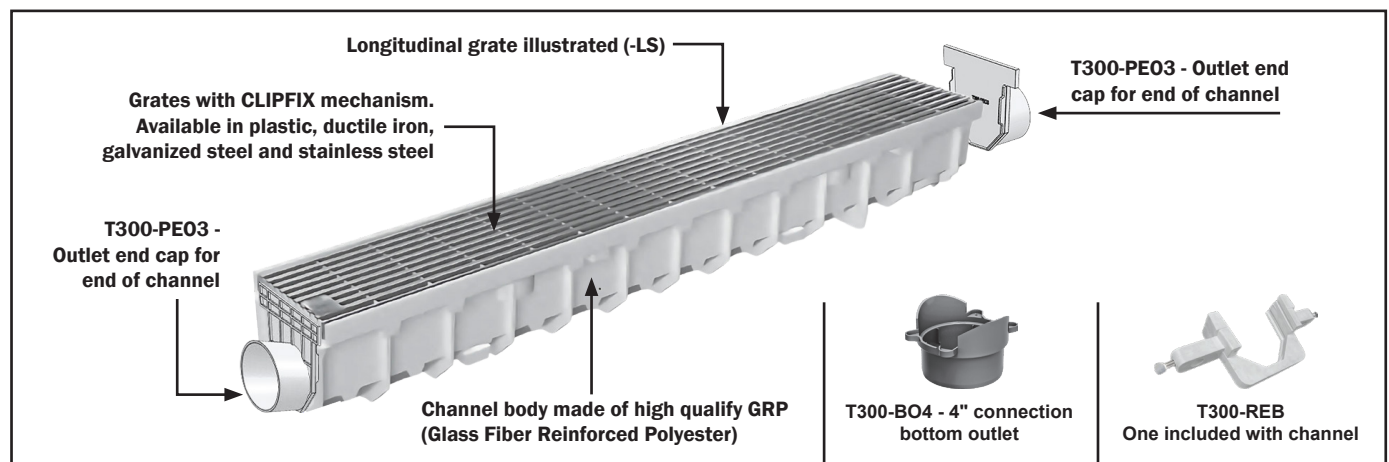


#### LOAD CLASS A GRATES - EN 1433 - 3,372 LBS., 15kN, 70 P.S.I.

Grate Part #	Description		Length (MM)	List Price	List Price (Per Foot)	Weight	Grate Free Area (Sq. in./ft.)	
T100-PGA-13-FP	Class A Galvanized Perforated Grate, 1 meter		39.37" (1000)	\$50.48	\$15.39	3.85	8.08	
T100-PGA-13-FP-500	Class A Galvanized Perforated Grate, 1/2 meter		19.69" (500)	\$30.29	\$18.47	2.09	8.08	
T100-PGA-3-FP	Class A Stainless Steel Perforated Grate, 1 meter		39.37" (1000)	\$299.76	\$91.39	3.85	8.08	
T100-PGA-3-FP-500	Class A Stainless Steel Perforated Grate, 1/2 meter		19.69" (500)	\$179.86	\$109.67	2.09	8.08	
T100-PGA-13-FS	Class A Galvanized Slotted Grate, 1 meter		39.37" (1000)	\$50.48	\$15.39	3.08	13.31	
T100-PGA-13-FS-500	Class A Galvanized Slotted Grate, 1/2 meter		19.69" (500)	\$30.29	\$18.47	2.86	13.31	
T100-PGA-3-FS	Class A Stainless Steel Slotted Grate, 1 meter		39.37" (1000)	\$299.76	\$91.39	3.12	13.31	
T100-PGA-3-FS-500	Class A Stainless Steel Slotted Grate, 1/2 meter		19.69" (500)	\$179.86	\$109.67	2.42	13.31	
T100-PGA-3-SM	Class A Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$435.91	\$132.90	5.72	40.17	
T100-PGA-3-SM-500	Class A Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$250.08	\$152.49	3.08	40.17	
T100-PGA-HPP-BLK	Class A Plastic Longitudinal, Slotted Black Grate, 1/2 meter		19.69" (500)	\$92.48	\$56.39	1.80	7.56	
T100-PGA-HPP-GRY	Class A Plastic Longitudinal, Slotted Grey Grate, 1/2 meter		19.69" (500)	\$92.48	\$56.39	1.80	7.56	

#### LOAD CLASS B GRATES - EN 1433 - 28,100 LBS., 125kN, 580 P.S.I.

T100-PGB-13-LS	Class B Galvanized Longitudinal Grate, 1 meter		39.37" (1000)	\$215.40	\$65.67	8.80	28.05	
T100-PGB-13-LS-500	Class B Galvanized Longitudinal Grate, 1/2 meter		19.69" (500)	\$119.64	\$72.95	4.37	28.05	
T100-PGB-3-WW	Class B Stainless Steel Longitudinal, anti slip, WW Grate, 1 meter		39.37" (1000)	\$1,844.48	\$562.34	8.80	26.52	
T100-PGB-3-WW-500	Class B Stainless Steel Longitudinal, anti slip, WW Grate, 1/2 meter		19.69" (500)	\$1,306.67	\$796.75	4.37	26.52	
T100-PGB-4	Class B Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$61.89	\$37.74	5.00	7.00	



### TYPICAL T300 INSTALLATIONS



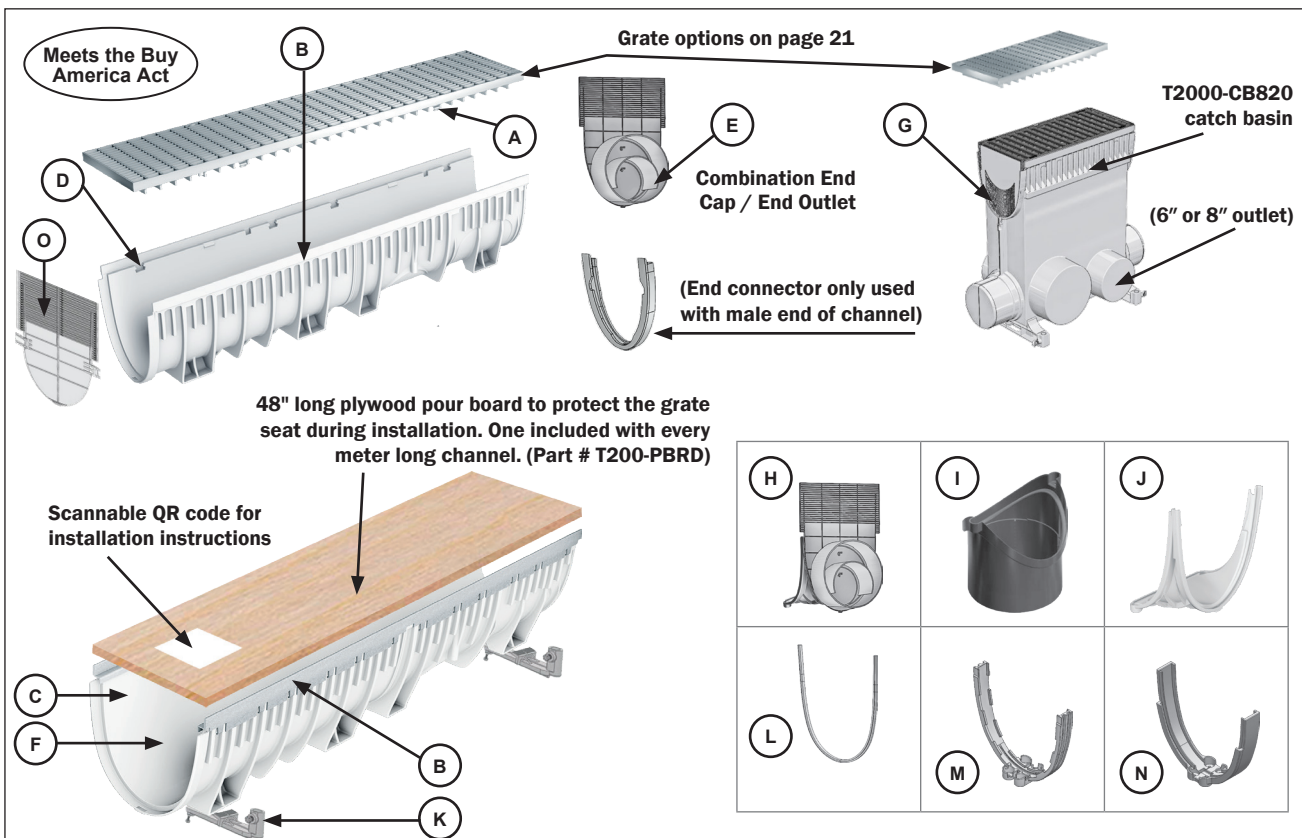
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All sales subject to MIFAB's Terms and Warranties, please refer to page no. 54.

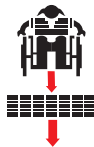
## T2000 SYSTEM COMPONENTS AND FEATURES



- A. Innovative CLIPFIX grate locking mechanism for plastic, ductile iron (up to and including Load Class E), galvanized and stainless steel grates. Innovative PROFIX grate locking mechanism and 4 bolt locking Load Class F ductile iron grates.
- B. GRP channels with no edge rails and also with 4mm thick galvanized and stainless steel and ductile iron frames as per EN 1433.
- C. High strength drainage channel body enables Load Class A 15kN to Load Class F 900 kN.
- D. Optimized flow cross section promotes self cleaning.
- E. Socket connection combination 4" and 6" end cap / end outlet for male end of the channels for all depths.
- F. Deep-seated anchorage bays in the drainage channel body ensures mechanical attachment to the concrete Installation device attachment point.
- G. Two end caps, two rebar installation devices and one sediment bucket are provided with every catch basin to accept all channel depths.
- H. Side outlet. (Side channel connector and combination outlet. Part # T2000-S06).
- I. 4" and 6" socket connection bottom outlet.
- J. Side channel connector. (Used to receive channels and side outlet).
- K. Rebar installation devices (plastic). Two included with every meter long channel.
- L. Channel insert to fill sealant groove between channels (if required)
- M. T2000-PMCC. Male to male channel connector for one meter long T2000 and T2020 channels. (with four self tapping screws).
- N. T2000-PFMC. Female to male channel connector for 1 meter long T2000 channels. One provided at no charge with every T2000 meter long channel. (with four self tapping screws).
- O. End cap for female end of the channel for all channel depths (T2000-PEC).

Go to [www.MIFAB.com](http://www.MIFAB.com) for cross section details and specification sheets.

ADA grates are designed to have open slots no greater than 0.5 inches (13mm) wide in one direction. If the length of the slot is greater than 0.5 inches, the opening shall run perpendicular to the main direction.



Heelproof grates are designed to resist entry of pointed high heel shoes from entering the trench drain grate opening. ASME Standard A112.6.3, Section 7.12 defines Heelproof as: "A grate designed to resist entry of high-heeled shoes, in which the maximum grate hole size in least dimension shall be 5/16" (8mm) (0.31").

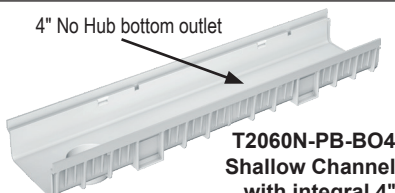
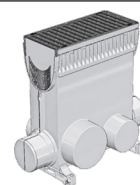


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**T2060 - 8" INTERNAL WIDTH - SHALLOW CHANNELS**
**T2060N-PB Shallow Channel**


Meets  
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**4" No Hub bottom outlet**

**T2060N-PB-BO4  
Shallow Channel  
with integral 4"  
outlet**

**T2000-CB820  
Catch Basin**


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Go to [www.MIFAB.com](http://www.MIFAB.com) for cross section details and specification sheets.

NO EDGE RAILS (for up to and including Load Class C grates)		BODY TYPE	INVERT BODY DEPTH	T2060N-REB (two stainless steel brackets with mounting hardware)	OVERALL BODY DEPTH	MAXIMUM FLOW RATE GPM	WEIGHT (LESS GRATE) Lbs.
Channel Model #	List Price, Each (1 Meter long)	Neutral - 0%					
T2060N-PB	\$700.00	Neutral	3.54"	T2060N-REB	3.94"	260	7.45
T2060N-PB-500 (1/2 Meter long)	\$456.25	Neutral	3.54"	T2060-CI - channel insert for T2060 shallow channels, if required. <b>\$40.10 for bag of 10</b>	3.94"	260	3.73
T2060N-PB-BO4	\$700.00	Neutral	3.54"		3.94"	260	7.45
T2060N-SVF-3	\$709.50	Type 304 Stainless Steel veneer frame for T2060N no edge channels, one meter long.					
T2000-PFO-4	\$157.25	Load Class F Ductile Iron frame for T2000 and T2060N no edge channels, one meter long, (two pieces needed per channel)					
				T2000-PFO-4 ductile iron frame	Load Class F Ductile Iron frame for T2000 and T2060N channels		

**CATCH BASINS FOR T2000 AND T2060 CHANNELS**

GALVANIZED STEEL INTEGRAL EDGE RAILS (for up to and including Load Class E grates)		NO EDGE RAILS (for up to and including Load Class C grates)		STAINLESS STEEL INTEGRAL EDGE RAILS (for up to and including Load Class E grates)		DUCTILE IRON FRAME (for Load Class F grates)		BODY TYPE	INVERT DEPTH	OVERALL DEPTH	WEIGHT (LESS GRATE) Lbs.
Catch Basin Model #	List Price, Each (1/2 Meter long)	Catch Basin Model #	List Price, Each (1/2 Meter long)	Catch Basin Model #	List Price, Each (1/2 Meter long)	Catch Basin Model #	List Price, Each (1/2 Meter long)	Neutral - 0%			
T2000- CB820-13	\$1,512.25	T2000-CB820	\$1,270.25	T2000-CB820-3	\$2,908.25	T2000-CB820-4	\$1,600.00	Neutral	29.50"	30.30"	82.75
Replacement sediment bucket		T2000-CB820-SB	\$362.00								

**NOTE:** The T2000-CB820 catch basin includes a sediment bucket, two end caps and two rebar installation devices.

MI-FLEX-400, 600	T2000-PSB	T2000-PEO	T2000-PBO4, T2000-PBO6	T2000-REB	T2000-SIDE-ADAPT	T2000-SO6	T2060-PEC
MI-4ADAPT	T2000-PEC	T2000-PEC-4	T2000-PEO-4	T2000-PMCC	T2000-PFMC	T200-PBRD	T2000-BOW

MODEL #	DESCRIPTION	MATERIAL	LIST PRICE
MI-FLEX-400	4" Flexible rubber coupling to connect 4" No Hub vertical and horizontal channel outlets to drainage pipe	Rubber	\$35.70
MI-FLEX-600	6" Flexible rubber coupling to connect 6" No Hub vertical and horizontal channel outlets to drainage pipe	Rubber	\$81.65
T2000-PSB	Bottom Outlet Strainer	Stainless Steel	\$139.00
T2000-PEO	4" and 6" socket connection combination male end cap / end outlet, with connector	Plastic	\$106.00
T2000-PEO-4	4" and 6" socket connection combination male end cap / end outlet, with connector and black epoxy coated steel top cap for ductile iron frame.	Plastic / Steel	\$106.00
T2000-PEC	End cap for female end channels	Plastic	\$106.00
T2000-PEC-4	End cap for female end channels with black epoxy coated steel top cap for ductile iron frame.	Plastic / Steel	\$106.00
T2000-PBO4	4" Socket connection bottom outlet	Plastic	\$106.00
T2000-PBO6	6" Socket connection bottom outlet	Plastic	\$106.00
T2000-REB	Replacement Installation Device. <b>Two provided at no charge with every T2000 meter long channel</b>	Plastic	\$63.50, each
T2000-SIDE-ADAPT	Side Outlet Adapter for T2000N, T2010N and T2020N channels	Plastic	\$106.00
T2000-SO6	Combination 4" or 6" Side Outlet Connector (T2000-SIDE-ADAPT & T2000-PEO for T2000N, T2010N and T2020N channels.)	Plastic	\$215.75
T2060-PEC	Closed End Cap for T2060N channels	Plastic	\$106.00
MI-4ADAPT	4" PVC x 4" N.P.T. adapter coupling to install around bottom outlet to connect to MIFAB® A1 body for waterproofing applications. (See page 42 for application)	Plastic	\$32.85
T2000-CI	Channel insert to fill expansion gap between channels (if required)	Plastic	\$40.10 / bag of 10
T2000-PMCC	Male to male channel connector for 1 meter long T2000 channels	Plastic	\$106.00
T2000-PFMC	Female to male channel connector for 1 meter long T2000 channels <b>One provided at no charge with every T2000 meter long channel. (with four self tapping screws)</b>	Plastic	\$106.00
T200-PBRD	Replacement 48" long plywood pour board to protect the channel during installation <b>One included at no charge with every T2000 meter long channel</b>	Plywood	\$32.00
T2000-BOW	Bracket to lock the ductile iron frame and GRP channel together during the concrete pour	Steel	\$120.00

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Visit [www.mifab.com](http://www.mifab.com) for the most recent product information. Design and dimensions are subject to modification. Prices do not include applicable taxes.

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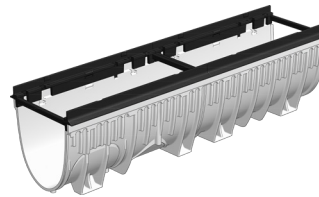
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All sales subject to MIFAB's Terms and Warranties, please refer to page no. 54.



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**T2000-PB Channel  
(with no edge rail)**



**T2000-PB-4 Channel  
(with ductile iron frame)**



SCAN FOR  
SPEC. SHEETS

**T2000-PB-13, T2000-PB-3 Channels  
(with galvanized or stainless steel  
integral edge rails)**

GALVANIZED STEEL INTEGRAL EDGE RAILS (for up to and including Load Class E grates)		NO EDGE RAILS (for up to and including Load Class C grates)		STAINLESS STEEL INTEGRAL EDGE RAILS (for up to and including Load Class E grates)		DUCTILE IRON FRAME (for Load Class F grates)		BODY TYPE	INVERT BODY DEPTH		OVERALL BODY DEPTH		MAXIMUM FLOW RATE	WEIGHT (LESS GRATE)
Channel Model #	List Price, Each (1 Meter long)	Channel Model #	List Price, Each (1 Meter long)	Channel Model #	List Price, Each (1 Meter long)	Channel Model #	List Price, Each (1 Meter long)	Sloped - .5% Neutral - 0%	E1 Min.	E2 Max.	E1 Min.	E2 Max.	GPM	Lbs.
T2000N-PB-13	\$952.50	T2000N-PB	\$752.75	T2000N-PB-3	\$2171.75	T2000N-PB-4	\$1,067.25	Neutral	8.74"	8.74"	9.53"	9.53"	525	13.23
T2000N-PB-13-500 (half meter long channel)	\$571.50	T2000N- PB-500	\$451.75 (half meter long channel)	T2000N- PB-3-500	\$1303.00 (half meter long channel)	T2000N-PB-4-500	\$640.50 (half meter long channel)	Neutral	8.74"	8.74"	9.53"	9.53"	525	7.39
T2000N-PB-13-500-DC (half meter long channel, direction change)	\$571.50	T2000N-PB- 500-DC	\$451.75 (half meter long channel, direction change)	T2000N-PB-3- 500-DC	\$1303.00 (half meter long channel, direction change)	T2000N-PB-4- 500-DC	\$640.50 (half meter long channel, direction change)	Neutral	8.74"	8.74"	9.53"	9.53"	525	7.39
T2001-PB-13	\$952.50	T2001-PB	\$752.75	T2001-PB-3	\$2171.75	T2001-PB-4	\$1,067.25	Sloped	8.74"	8.93"	9.53"	9.73"	580	13.36
T2002-PB-13	\$952.50	T2002-PB	\$752.75	T2002-PB-3	\$2171.75	T2002-PB-4	\$1,067.25	Sloped	8.93"	9.13"	9.73"	9.93"	605	13.52
T2003-PB-13	\$952.50	T2003-PB	\$752.75	T2003-PB-3	\$2171.75	T2003-PB-4	\$1,067.25	Sloped	9.13"	9.33"	9.93"	10.12"	632	13.69
T2004-PB-13	\$952.50	T2004-PB	\$752.75	T2004-PB-3	\$2171.75	T2004-PB-4	\$1,067.25	Sloped	9.33"	9.53"	10.12"	10.32"	650	13.86
T2005-PB-13	\$952.50	T2005-PB	\$752.75	T2005-PB-3	\$2171.75	T2005-PB-4	\$1,067.25	Sloped	9.53"	9.72"	10.32"	10.52"	686	14.03
T2006-PB-13	\$952.50	T2006-PB	\$752.75	T2006-PB-3	\$2171.75	T2006-PB-4	\$1,067.25	Sloped	9.72"	9.92"	10.52"	10.71"	715	14.19
T2007-PB-13	\$952.50	T2007-PB	\$752.75	T2007-PB-3	\$2171.75	T2007-PB-4	\$1,067.25	Sloped	9.92"	10.12"	10.71"	10.91"	759	14.36
T2008-PB-13	\$952.50	T2008-PB	\$752.75	T2008-PB-3	\$2171.75	T2008-PB-4	\$1,067.25	Sloped	10.12"	10.31"	10.91"	11.11"	789	14.53
T2009-PB-13	\$952.50	T2009-PB	\$752.75	T2009-PB-3	\$2171.75	T2009-PB-4	\$1,067.25	Sloped	10.31"	10.51"	11.11"	11.30"	819	14.70
T2010-PB-13	\$952.50	T2010-PB	\$752.75	T2010-PB-3	\$2171.75	T2010-PB-4	\$1,067.25	Sloped	10.51"	10.71"	11.30"	11.50"	850	14.86
T2010N-PB-13	\$952.50	T2010N-PB	\$752.75	T2010N-PB-3	\$2,165.75	T2010N-PB-4	\$1,067.25	Neutral	10.71"	10.71"	11.50"	11.50"	850	15.65
T2010N-PB-13-500 (half meter long channel)	\$571.50	T2010N- PB-500	\$451.75 (half meter long channel)	T2010N- PB-3-500	\$1303.00 (half meter long channel)	T2010N-PB-4-500	\$640.50 (half meter long channel)	Neutral	10.71"	10.71"	11.50"	11.50"	850	7.83
T2010N-PB-13-500-DC (half meter long channel, direction change)	\$571.50	T2010N-PB- 500-DC	\$451.75 (half meter long channel, direction change)	T2000N-PB-3- 500-DC	\$1303.00 (half meter long channel, direction change)	T2010N-PB-4- 500-DC	\$640.50 (half meter long channel, direction change)	Neutral	10.71"	10.71"	11.50"	11.50"	850	7.83
T2011-PB-13	\$952.50	T2011-PB	\$752.75	T2011-PB-3	\$2171.75	T2011-PB-4	\$1,067.25	Sloped	10.71"	10.90"	11.50"	11.70"	881	15.03
T2012-PB-13	\$952.50	T2012-PB	\$752.75	T2012-PB-3	\$2171.75	T2012-PB-4	\$1,067.25	Sloped	10.90"	11.10"	11.70"	11.89"	915	15.20
T2013-PB-13	\$952.50	T2013-PB	\$752.75	T2013-PB-3	\$2171.75	T2013-PB-4	\$1,067.25	Sloped	11.10"	11.30"	11.89"	12.09"	948	15.37
T2014-PB-13	\$952.50	T2014-PB	\$752.75	T2014-PB-3	\$2171.75	T2014-PB-4	\$1,067.25	Sloped	11.30"	11.49"	12.09"	12.29"	983	15.53
T2015-PB-13	\$952.50	T2015-PB	\$752.75	T2015-PB-3	\$2171.75	T2015-PB-4	\$1,067.25	Sloped	11.49"	11.69"	12.29"	12.49"	1018	15.70
T2016-PB-13	\$952.50	T2016-PB	\$752.75	T2016-PB-3	\$2171.75	T2016-PB-4	\$1,067.25	Sloped	11.69"	11.89"	12.49"	12.68"	1052	15.87
T2017-PB-13	\$952.50	T2017-PB	\$752.75	T2017-PB-3	\$2171.75	T2017-PB-4	\$1,067.25	Sloped	11.89"	12.08"	12.68"	12.88"	1119	16.04
T2018-PB-13	\$952.50	T2018-PB	\$752.75	T2018-PB-3	\$2171.75	T2018-PB-4	\$1,067.25	Sloped	12.08"	12.28"	12.88"	13.08"	1155	16.20
T2019-PB-13	\$952.50	T2019-PB	\$752.75	T2019-PB-3	\$2171.75	T2019-PB-4	\$1,067.25	Sloped	12.28"	12.48"	13.08"	13.27"	1194	16.37
T2020-PB-13	\$952.50	T2020-PB	\$752.75	T2020-PB-3	\$2171.75	T2020-PB-4	\$1,067.25	Sloped	12.48"	12.67"	13.27"	13.47"	1233	16.54
T2020N-PB-13	\$952.50	T2020N-PB	\$752.75	T2020N-PB-3	\$2,165.75	T2020N-PB-4	\$1,067.25	Neutral	12.67"	12.67"	13.47"	13.47"	1233	17.50
T2020N-PB-13-500 (half meter long channel)	\$571.50	T2020N- PB-500	\$451.75 (half meter long channel)	T2020N- PB-3-500	\$1303.00 (half meter long channel)	T2020N-PB-4-500	\$640.50 (half meter long channel)	Neutral	12.67"	12.67"	13.47"	13.47"	1233	8.75
T2020N-PB-13-500-DC (half meter long channel, direction change)	\$571.50	T2020N-PB- 500-DC	\$451.75 (half meter long channel, direction change)	T2000N-PB-3- 500-DC	\$1303.00 (half meter long channel, direction change)	T2020N-PB-4- 500-DC	\$640.50 (half meter long channel, direction change)	Neutral	12.67"	12.67"	13.47"	13.47"	1233	8.75

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#### LOAD CLASS A GRATES - EN 1433 - 3,372 LBS., 15kN, 70 P.S.I.

Grate Part #	Description	Length (MM)	List Price	List Price (Per Foot)	Weight	Grate Free Area (Sq. in. /ft.)
T200-PGA-13-GM	Class A Galvanized Mesh Grate, 1 meter	39.37" (1000)	\$432.14	\$131.75	13.13	78.78
T200-PGA-13-GM-500	Class A Galvanized Mesh Grate, 1/2 meter	19.69" (500)	\$298.89	\$182.25	6.82	78.78
T200-PGA-3-SM	Class A Stainless Steel Mesh Grate, 1 meter	39.37" (1000)	\$2,471.48	\$753.50	13.13	78.78
T200-PGA-3-SM-500	Class A Stainless Steel Mesh Grate, 1/2 meter	19.69" (500)	\$1,469.93	\$896.30	6.82	78.78

#### LOAD CLASS B GRATES - EN 1433 - 28,100 LBS., 125kN, 580 P.S.I.

T200-PGB-13-LS	Class B Galvanized Longitudinal Grate, 1 meter	39.37" (1000)	\$486.92	\$148.45	16.02	51.25
T200-PGB-13-LS-500	Class B Galvanized Longitudinal Grate, 1/2 meter	19.69" (500)	\$316.63	\$193.07	8.38	51.25
T200-PGB-3-WW	Class B Stainless Longitudinal, anti slip WW grate, 1 meter	39.37" (1000)	\$3466.14	\$1056.75	16.32	48.78
T200-PGB-3-WW-500	Class B Stainless Longitudinal, anti slip WW grate, 1/2 meter	19.69" (500)	\$2061.66	\$1257.11	8.31	48.78

#### LOAD CLASS C GRATES - EN 1433 - 56,200 LBS., 250kN, 1,160 P.S.I.

T200-PGC-13-GM	Class C Galvanized Mesh Grate, 1 meter	39.37" (1000)	\$921.32	\$280.89	24.33	70.46
T200-PGC-13-GM-500	Class C Galvanized Mesh Grate, 1/2 meter	19.69" (500)	\$561.80	\$342.56	11.66	70.46
T200-PGC-3-SM	Class C Stainless Steel Mesh Grate, 1 meter	39.37" (1000)	\$2,655.49	\$809.60	24.33	70.46
T200-PGC-3-SM-500	Class C Stainless Steel Mesh Grate, 1/2 meter	19.69" (500)	\$1,593.29	\$971.52	11.66	70.46
T200-PGC-13-SD	Class C Galvanized Paverslot Grate, 1 meter	39.37" (1000)	\$485.28	\$147.95	47.08	12.01
T200-PGC-13-SD-500	Class C Galvanized Paverslot Grate, 1/2 meter	19.69" (500)	\$393.93	\$240.20	23.54	12.01
T200-PGC-13-MU-500	Class C Galvanized Maintenance Unit Paverslot, 1/2 meter	19.69" (500)	\$566.87	\$345.65	43.78	6.01
T200-PGC-3-SD	Class C Stainless Steel Paverslot Grate, 1 meter	39.37" (1000)	\$1034.05	\$315.26	47.08	12.01
T200-PGC-3-SD-500	Class C Stainless Steel Paverslot Grate, 1/2 meter	19.69" (500)	\$777.95	\$474.36	23.54	12.01
T200-PGC-3-MU-500	Class C Stainless Steel Maintenance Unit Paverslot, 1/2 meter	19.69" (500)	\$1,315.53	\$802.15	43.78	6.01
T200-PGC-4	Class C Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$143.67	\$87.60	13.79	50.68
T200-PGC-4-HP	Class C Ductile Iron Heelproof Slotted Grate, 1/2 meter	19.69" (500)	\$286.54	\$174.72	13.79	10.94
T200-PGC-4-WVY	Class C Ductile Iron WAVE Grate, 1/2 meter	19.69" (500)	\$286.54	\$174.72	13.86	47.73
T200-PGC-4-BG	Class C Ductile Iron Bavaria Grate, 1/2 meter	19.69" (500)	\$286.54	\$174.72	13.64	28.19

#### LOAD CLASS D GRATES - EN 1433 - 89,920 LBS., 400kN, 1856 P.S.I.

T200-SCD-4-PX	Class D Ductile Iron Solid Cover, 1/2 meter	19.69" (500)	\$246.00	\$150.00	26.00	-
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#### LOAD CLASS E GRATES - EN 1433 - 134,800 LBS., 600kN, 2,785 P.S.I.

T200-PGE-4	Class E Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$246.98	\$150.60	19.25	51.20
T200-PGE-4-13	Class E Galvanized Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$350.30	\$213.60	19.25	51.20
T200-PGE-4-HP	Class E Ductile Iron Heelproof Slotted Grate, 1/2 meter	19.69" (500)	\$350.30	\$213.60	13.79	14.17
T200-PGE-4-ADA	Class E Ductile Iron Longitudinal Grate, 1/2 meter	19.69" (500)	\$350.30	\$213.60	21.25	26.72
T200-PGE-4-ADA-13	Class E Galvanized Ductile Iron Longitudinal Grate, 1/2 meter	19.69" (500)	\$579.33	\$353.25	21.25	26.72
T200-PGE-4-ADA-ARRA	Class E Ductile iron Longitudinal Grate, 1/2 meter, <b>Made in USA</b>	19.69" (500)	\$474.30	\$337.60	21.25	26.72
T200-PGE-4-ADA-13-ARRA	Class E Galvanized Ductile iron Longitudinal Grate, 1/2 meter, <b>Made in USA</b>	19.69" (500)	\$688.33	\$462.25	21.25	26.72
T200-PGE-3-SBG	Class E Stainless Steel Bar Grate, 1 meter	39.37" (1000)	\$4278.92	\$1304.55	75.00	50.46
T200-PGE-3-SBG-500	Class E Stainless Steel Bar Grate, 1/2 meter	19.69" (500)	\$2491.41	\$1,519.15	40.00	50.46

#### LOAD CLASS F GRATES - EN 1433 - 202,320 lbs., 900 Kn, 4,177 P.S.I.

T200-PGF-4-PX	Class F Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$370.97	\$226.20	22.00	48.30
T200-PGF-4-PX-13	Class F Galvanized Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$476.01	\$290.25	22.00	48.30
T200-PGF-4-B	Class F Ductile Iron 4 bolt slotted grate, 1/2 meter	19.69" (500)	\$370.97	\$226.20	22.00	48.30
T200-PGF-4-B-13	Class F Galvanized Ductile Iron 4 bolt slotted grate, 1/2 meter	19.69" (500)	\$476.01	\$290.25	22.00	48.30
T200-PGF-4-ADA-PX	Class F Ductile Iron Longitudinal Grate, 1/2 meter	19.69" (500)	\$386.07	\$235.41	24.00	32.33
T200-PGF-4-ADA-PX-13	Class F Galvanized Ductile Iron Longitudinal Grate, 1/2 meter	19.69" (500)	\$532.51	\$324.70	24.00	32.33

See page 12 for explanation of ADA compliant grates

See page 12 for explanation of Heelproof compliant grates

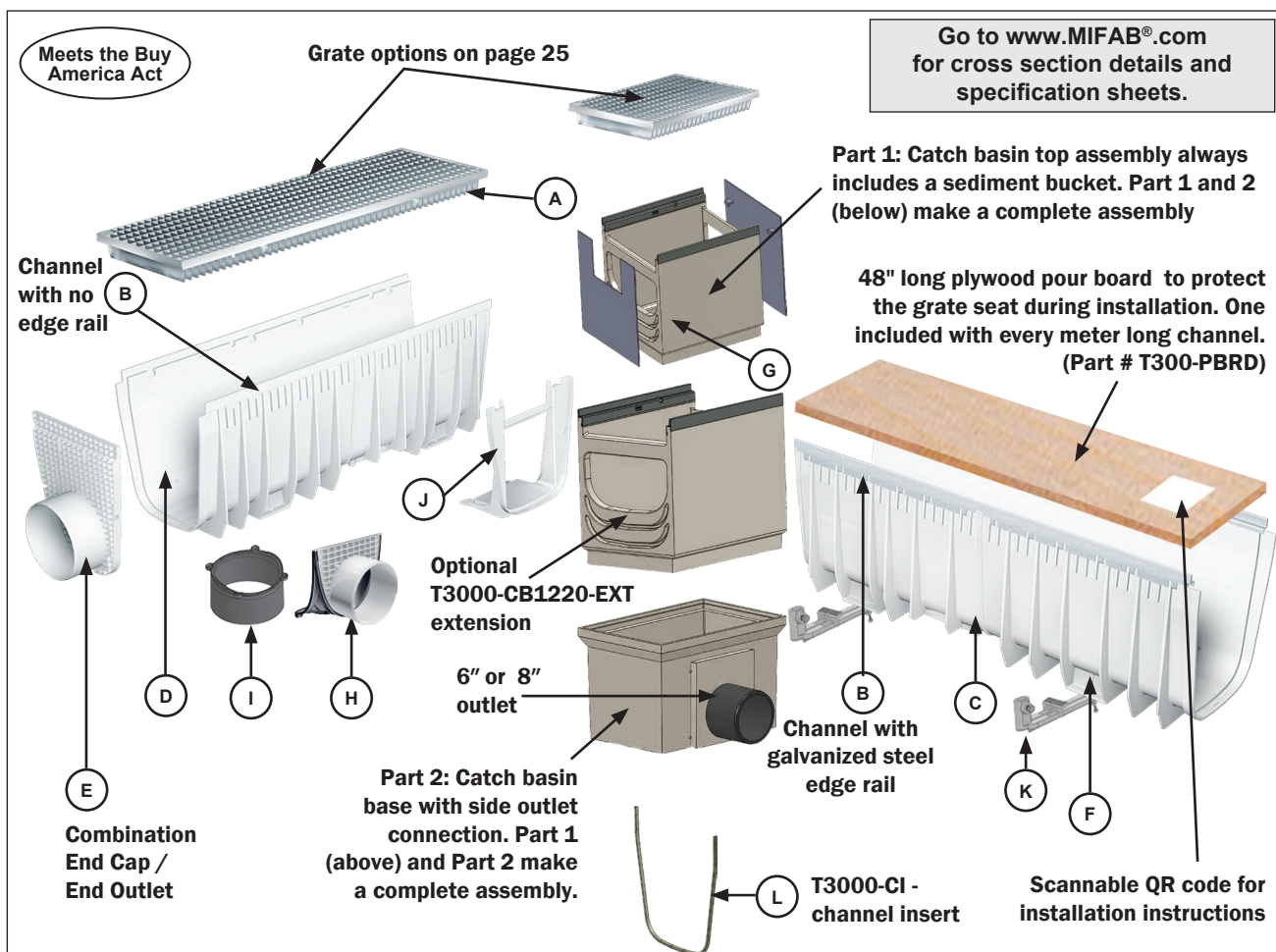
Black acid resistant epoxy coated ductile iron grates (-11B) are available. Same price as the -13 grates.

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Visit [www.mifab.com](http://www.mifab.com) for the most recent product information. Design and dimensions are subject to modification. Prices do not include applicable taxes.

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sales@mifab.com Canada Toll Free: 1-800-387-3880

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**T3000 SYSTEM COMPONENTS AND FEATURE**


- A. Innovative CLIPFIX grate locking mechanism for plastic, ductile iron (up to and including Load Class E), galvanized and stainless steel grates.
- B. GRP channels with no edge rails and also with 4mm thick galvanized steel edge rails as per EN 1433.
- C. High strength drainage channel body enables Load Class A 15kN to Load Class E 600kN.
- D. Optimized flow cross section promotes self cleaning.
- E. Socket connection combination end cap / end outlet for either end of the channels for all depths.
- F. Deep-seated anchorage bays in the drainage channel body ensures mechanical attachment to the concrete Installation device attachment point.
- G. Polymer concrete catch basin top assembly to connect to channel.
- H. Side outlet. (Side channel connector and combination outlet. Part # T3000-S08).
- I. 6" or 8" socket connection bottom outlet.
- J. Side channel connector.
- K. Rebar installation devices (plastic). Two included with every meter long channel.
- L. Channel insert to fill sealant groove between channels (if required).



ADA grates are designed to have open slots no greater than 0.5 inches (13mm) wide in one direction. If the length of the slot is greater than 0.5 inches, the opening shall run perpendicular to the main direction.



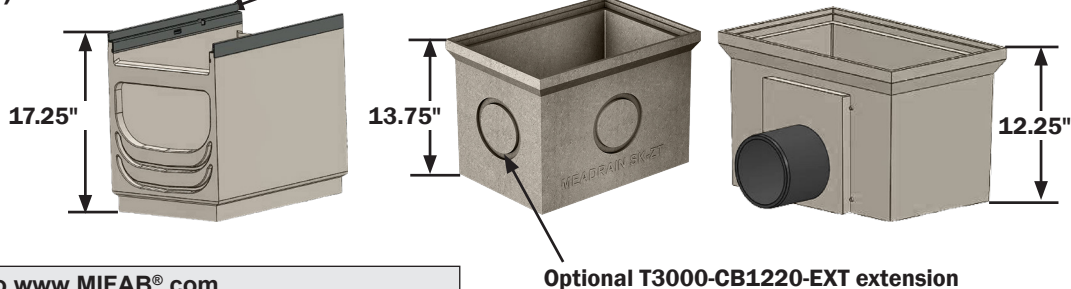
Heelproof grates are designed to resist entry of pointed high heel shoes from entering the trench drain grate opening. ASME Standard A112.6.3, Section 7.12 defines Heelproof as: "A grate designed to resist entry of high-heeled shoes, in which the maximum grate hole size in least dimension shall be 5/16" (8mm) (0.31").

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.












**CATCH BASINS FOR T3000 CHANNELS**
**T3000-CB1220 Catch Basin**  
**(Polymer Concrete)**

 Edge rails available in GRP  
 and galvanized steel

**Meets the Buy America Act**

 Go to [www.MIFAB.com](http://www.MIFAB.com)  
 for cross section details and specification sheets.

GALVANIZED STEEL INTEGRAL RAILS (for up to and including Load Class E grates)		NO EDGE RAILS (for up to and including Load Class C grates)		INVERT DEPTH	OVERALL DEPTH	WEIGHT (LESS GRATE)
Catch Basin Model #	List Price, Each (1/2 Meter long)	Catch Basin Model #	List Price, Each (1/2 Meter long)			Lbs.
<b>T3000-CB1220-13-SO6</b>	<b>\$1,700.00</b>	<b>T3000-CB1220-SO6</b>	<b>\$1,500.00</b>	28.65"	29.50"	29.50"
<b>T3000-CB1220-13-SO8</b>	<b>\$1,700.00</b>	<b>T3000-CB1220-SO8</b>	<b>\$1,500.00</b>	28.65"	29.50"	29.50"
Optional extension piece to install between base & top assembly for deeper inverts.		<b>T3000-CB1220-EXT</b>	<b>\$1,040.00</b>	-	13.75"	13.75"
Replacement sediment bucket.		<b>T3000-CB1220-SB</b>	<b>\$494.00</b>			

**NOTE:** The T3000-CB1220 catch basin includes the base and top assembly.

								
<b>MI-FLEX-600, 800</b>	<b>T3000-PBDS</b>	<b>T3000-PEO8</b> End Cap / End Outlet, 8" socket connection	<b>T3000-PBO6</b> <b>T3000-PBO8</b> Socket Connection Bottom Outlet - 6" or 8"	<b>T3000-REB</b> (Installation Device) Two devices provided with every channel	<b>T3000-SIDE-ADAPT</b> Side channel adapter	<b>T3000-SO8</b> Side outlet connector & End Outlet assembled together - T3000-SO8	<b>T3000-CI</b> - channel insert	<b>T300-PBRD</b>

MODEL #	DESCRIPTION	MATERIAL	LIST PRICE
<b>MI-FLEX-600</b>	6" Flexible rubber coupling to connect 6" No Hub vertical channel outlet to drainage pipe	Rubber	<b>\$81.65</b>
<b>MI-FLEX-800</b>	8" Flexible rubber coupling to connect 8" No Hub vertical and horizontal channel outlets to drainage pipe	Rubber	<b>\$120.75</b>
<b>T3000-PBDS</b>	Bottom Outlet Strainer	Stainless Steel	<b>\$418.00</b>
<b>T3000-PEO8</b>	8" socket connection combination end cap / end outlet	Plastic	<b>\$361.25</b>
<b>T3000-PBO6</b>	6" socket connection bottom outlet	Plastic	<b>\$361.25</b>
<b>T3000-PBO8</b>	8" socket connection bottom outlet	Plastic	<b>\$361.25</b>
<b>T3000-REB</b>	Replacement Installation Device	Galvanized Steel	<b>\$73.50, each</b>
<b>T3000-SO8</b>	8" Side Outlet Connector	Plastic	<b>\$496.00</b>
<b>T3000-SIDE-ADAPT</b>	Side Channel adapter	Plastic	<b>\$133.25</b>
<b>T3000-CI</b>	Channel insert to fill expansion gap between channels (if required)	Plastic	<b>\$40.75 / bag of 10</b>
<b>T300-PBRD</b>	Replacement 48" long plywood pour board to protect the channel during installation. One included with every meter long channel	Plywood	<b>\$44.75</b>

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**T3000 GRP Channels**


**T3000-PB-13 Channel**  
(with galvanized steel edge rail)

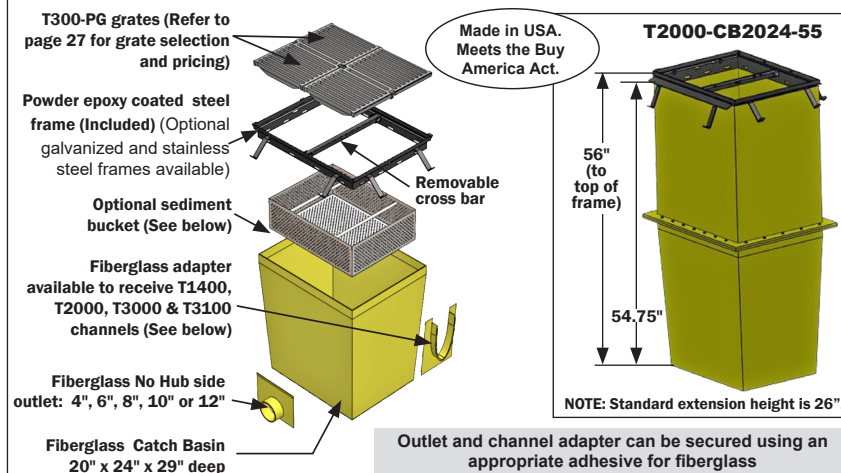


**T3000-PB Channel**  
(with no edge rail)



GALVANIZED STEEL INTEGRAL RAILS (for up to and including Load Class E grates)		NO EDGE RAILS (for up to and including Load Class C grates)		BODY TYPE	INVERT BODY DEPTH	OVERALL BODY DEPTH	MAXIMUM FLOW RATE	WEIGHT (LESS GRATE)
Channel Model #	List Price, Each (1 Meter long)	Channel Model #	List Price, Each (1 Meter long)	Neutral - 0%			GPM	Lbs.
<b>T3000N-PB-13</b>	<b>\$1178.75</b>	<b>T3000N-PB</b>	<b>\$884.75</b>	Neutral	14.17"	15.63"	3245	26.01
<b>T3000N-PB-500-13</b>	<b>\$707.25</b> (half meter long channel)	<b>T3000N-PB-500</b>	<b>\$531.00</b> (half meter long channel)	Neutral	14.17"	15.63"	3245	15.12
<b>T3000N-PB-500-DC-13</b>	<b>\$707.25</b> (half meter long channel, direction change)	<b>T3000N-PB-500-DC</b>	<b>\$531.00</b> (half meter long channel, direction change)	Neutral	14.17"	15.63"	3245	15.12

Type 304 Stainless Steel veneer frame for T3000N no edge channels, one meter long is available. Add \$265.75 List Price per meter to no edge channel price.

**T2000-CB2024 - 20" X 24" CATCH BASIN FOR T1400, T2000, T3000 & T3100 CHANNELS**


MODEL #	LIST PRICE
<b>T2000-CB2024</b> (includes powder epoxy coated steel frame. Grates not included)	<b>\$1,901.50</b>
<b>T2000-CB2024-13</b> (includes galvanized steel frame. Grates not included)	<b>\$2415.00</b>
<b>T2000-CB2024-3</b> (includes stainless steel frame. Grates not included)	<b>\$3018.75</b>

Catch basin with extension riser. Overall depth of 55"		LIST PRICE
<b>T2000-CB2024-55</b> (includes powder epoxy coated steel frame. Grates not included)	<b>Catch basin frames accept ClipFix and 4 bolt grates only.</b>	<b>\$1,992.50</b>
<b>T2000-CB2024-55-13</b> (includes galvanized steel frame. Grates not included)		<b>\$3,622.50</b>
<b>T2000-CB2024-55-3</b> (includes stainless steel frame. Grates not included)		<b>\$4,528.25</b>

OUTLET CONNECTIONS	
<b>T2000-CB2024-PEO4 - 4"</b>	<b>\$76.50</b>
<b>T2000-CB2024-PEO6 - 6"</b>	<b>\$101.75</b>
<b>T2000-CB2024-PEO8 - 8"</b>	<b>\$126.75</b>
<b>T2000-CB2024-PEO10 - 10"</b>	<b>\$190.50</b>
<b>T2000-CB2024-PEO12 - 12"</b>	<b>\$190.50</b>


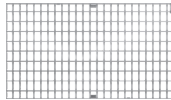



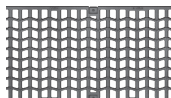
CHANNEL ADAPTERS	
<b>T1400-CB2024-ADAPT</b>	<b>\$76.50</b>
<b>T2000-CB2024-ADAPT</b>	<b>\$101.75</b>
<b>T3000-CB2024-ADAPT</b>	<b>\$126.75</b>
<b>T3100-CB2024-ADAPT</b>	<b>\$190.50</b>

OPTIONAL VARIATIONS	
MODEL #	LIST PRICE
Powder epoxy coated steel sediment bucket (Part # T2000-CB2024-SB)	<b>\$494.50</b>
Stainless Steel Sediment Bucket (Part # T2000-CB2024-SB-3)	<b>\$1,345.50</b>


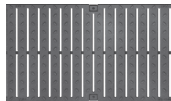








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#### LOAD CLASS C GRATES - EN 1433 - 56,200 LBS., 250kN, 967 P.S.I.

Grate Part #	Description		Length (MM)	List Price	List Price (Per Foot)	Weight	Grate Free Area (Sq. in. /ft.)	
T300-PGC-13-GM	Class C Galvanized Mesh Grate, 1 meter		39.37" (1000)	\$1,857.40	\$566.28	68.53	109.78	
T300-PGC-13-GM-500	Class C Galvanized Mesh Grate, 1/2 meter		19.69" (500)	\$891.29	\$543.47	36.82	109.78	
T300-PGC-3-SM	Class C Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$3,926.16	\$1,197.00	68.53	109.78	
T300-PGC-3-SM-500	Class C Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$3096.93	\$1,888.37	36.82	109.78	
T300-PGC-4	Class C Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$181.05	\$110.40	29.23	77.02	
T300-PGC-4-HP	Class C Ductile Iron Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$641.90	\$391.40	29.23	21.59	
T300-PGC-4-WVY	Class C Ductile Iron WAVE Grate, 1/2 meter		19.69" (500)	\$549.61	\$335.13	34.10	84.63	

#### LOAD CLASS E GRATES - EN 1433 - 134,800 LBS., 600kN, 2,321 P.S.I.

T300-PGE-4	Class E Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$647.80	\$395.00	42.02	77.02	
T300-PGE-4-13	Class E Galvanized Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$777.36	\$474.00	42.02	77.02	
T300-PGE-4-HP	Class E Ductile Iron Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$746.86	\$455.40	42.02	21.39	
T300-PGE-4-ADA	Class E Ductile Iron Longitudinal Slotted Grate, 1/2 meter		19.69" (500)	\$746.86	\$455.40	63.80	19.07	
T300-PGE-4-ADA-13	Class E Galvanized Ductile Iron Longitudinal Slotted Grate, 1/2 meter		19.69" (500)	\$1,097.82	\$669.40	63.80	19.07	
T300-PGE-3-SBG	Class E Stainless Steel Bar Grate, 1 meter		39.37" (1000)	\$4,226.25	\$1,288.49	100.00	73.63	
T300-PGE-3-SBG-500	Class E Stainless Steel Bar Grate, 1/2 meter Grate, 1/2 meter		19.69" (500)	\$2,535.74	\$1,546.18	60.00	73.63	
T300-SCE-4	Class E Ductile Iron Solid Cover, 1/2 meter	 	19.69" (500)	\$659.94	\$402.40	66.00	-	



See page 22 for explanation of ADA compliant grates



See page 22 for explanation of Heelproof compliant grates

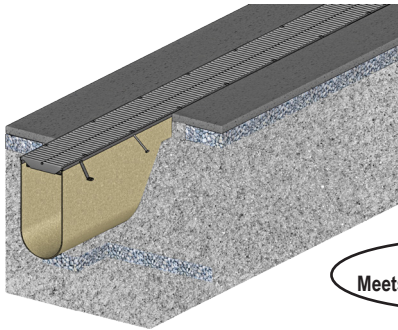
Black acid resistant epoxy coated ductile iron grates (-11B) are available. Same price as the -13 grates.

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Made in USA.  
Meets the Buy America Act.

**Specification:** MIFAB® Series MIFAB® Series T3100, 12" internal width, fiberglass presloped (1%) trench drain system with optional grates (see page 27). Channels are available in one and two meter lengths. Powder, acid resistant epoxy coated steel frame is standard with all channels. Galvanized steel and stainless steel frames are also available. Bottom and end outlets are available in 6", 8" or 10" no hub outlet connections. Catch basin is available to suit all channel depths.

**FUNCTION:** The MIFAB® T3100 Series is ideal for projects that require longer sloping runs and increased discharge capacity within the trench drain system.

### ACCESSORIES

		LIST PRICE (ADD)
-3	Stainless steel frame	\$592.50 / foot
-13	Galvanized steel frame	\$105.50 / foot
-PBO	6", 8", 10" or 12" No Hub bottom outlet (T3100-PBO6, T3100-PBO8, T3100-PB10 and T3100-PB12)	\$375.50
-PEC	Closed End Cap for male end channels (T3100-PEC)	\$313.50
-PECF	End Cap for female end channels (T3100-PECF)	\$313.50
-PEIF	6", 8" or 10" No Hub end Inlet for female end channels (T3100-PEIF6, 8 or 10)	\$375.50
-PEO	6", 8", 10" or 12" No Hub End Outlet (T3100-PEO6, T3100-PEO8, T3100-PEO10 and T3100-PEO12)	\$375.50
<b>See page 24 for the T2000-CB2024 catch basin description, accessories and List Prices.</b>		
Catch Basin	Powder epoxy coated steel sediment bucket (Part # T2000-CB2024-SB)	\$494.50
	Stainless Steel Sediment Bucket (Part # T2000-CB2024-SB-3)	\$1,345.50
	Stainless steel frame for catch basin	\$1,710.50
	Galvanized steel frame for catch basin	\$313.50

CHANNEL#	LENGTH	SHALLOW INVERT	DEEP INVERT	LIST PRICE / EACH CHANNEL	LIST PRICE / FOOT
T3100N	78.74" (2m)	8"	8"	\$2745.50	\$377.36
T3100N-1M	39.37" (1m)	8"	8"	\$1237.75	\$377.36
T3101	78.74" (2m)	8"	8.85"	\$2745.50	\$377.36
T3102	78.74" (2m)	8.85"	9.70"	\$2745.50	\$377.36
T3103	78.74" (2m)	9.70"	10.55"	\$2745.50	\$377.36
T3104	78.74" (2m)	10.55"	11.40"	\$2745.50	\$377.36
T3105	78.74" (2m)	11.40"	12.25"	\$2745.50	\$377.36
T3105N	78.74" (2m)	12.25"	12.25"	\$2745.50	\$377.36
T3105N-1M	39.37" (1m)	12.25"	12.25"	\$1237.75	\$377.36
T3106	78.74" (2m)	12.25"	13.10"	\$2745.50	\$377.36
T3107	78.74" (2m)	13.10"	13.95"	\$2745.50	\$377.36
T3108	78.74" (2m)	13.95"	14.80"	\$2745.50	\$377.36
T3109	78.74" (2m)	14.80"	15.65"	\$2745.50	\$377.36
T3110	78.74" (2m)	15.65"	16.50"	\$2745.50	\$377.36
T3110N	78.74" (2m)	16.50"	16.50"	\$2745.50	\$377.36
T3110N-1M	39.37" (1m)	16.50"	16.50"	\$1237.75	\$377.36
T3111	78.74" (2m)	16.50"	17.35"	\$2745.50	\$377.36
T3112	78.74" (2m)	17.35"	18.20"	\$2745.50	\$377.36
T3113	78.74" (2m)	18.20"	19.05"	\$2745.50	\$377.36
T3114	78.74" (2m)	19.05"	19.90"	\$2745.50	\$377.36
T3115	78.74" (2m)	19.90"	20.75"	\$2745.50	\$377.36
T3115N	78.74" (2m)	20.75"	20.75"	\$2745.50	\$377.36
T3115N-1M	39.37" (1m)	20.75"	20.75"	\$1237.75	\$377.36
T3116	78.74" (2m)	20.75"	21.60"	\$2745.50	\$377.36
T3117	78.74" (2m)	21.60"	22.45"	\$2745.50	\$377.36
T3118	78.74" (2m)	22.45"	23.30"	\$2745.50	\$377.36
T3119	78.74" (2m)	23.30"	24.15"	\$2745.50	\$377.36
T3120	78.74" (2m)	24.15"	25"	\$2745.50	\$377.36
T3120N	78.74" (2m)	25"	25"	\$2745.50	\$377.36
T3120N-1M	39.37" (1m)	25"	25"	\$1237.75	\$377.36
T3121	78.74" (2m)	25"	25.85"	\$2745.50	\$377.36
T3122	78.74" (2m)	25.85"	26.70"	\$2745.50	\$377.36
T3123	78.74" (2m)	26.70"	27.55"	\$2745.50	\$377.36
T3124	78.74" (2m)	27.55"	28.40"	\$2745.50	\$377.36
T3125	78.74" (2m)	28.40"	29.25"	\$2745.50	\$377.36
T3125N	78.74" (2m)	29.25"	29.25"	\$2745.50	\$377.36
T3125N-1M	39.37" (1m)	29.25"	29.25"	\$1237.75	\$377.36
T3126	78.74" (2m)	29.25"	30.10"	\$2745.50	\$377.36
T3127	78.74" (2m)	30.10"	30.95"	\$2745.50	\$377.36
T3128	78.74" (2m)	30.95"	31.80"	\$2745.50	\$377.36
T3129	78.74" (2m)	31.80"	32.65"	\$2745.50	\$377.36
T3130	78.74" (2m)	32.65"	33.50"	\$2745.50	\$377.36
T3130N	78.74" (2m)	33.50"	33.50"	\$2745.50	\$377.36
T3130N-1M	39.37" (1m)	33.50"	33.50"	\$1237.75	\$377.36

NOTE: Flow rate information per channel section is available on the [www.MIFAB.com](http://www.MIFAB.com) website


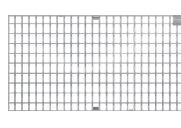
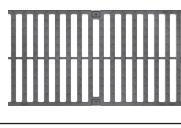

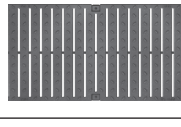
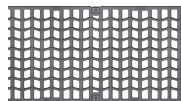
NOTE: Custom lengths, widths, depths, slopes & profiles available upon request. Contact MIFAB®.

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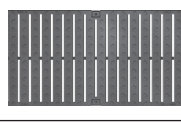

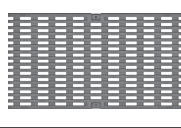


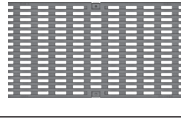










#### LOAD CLASS C GRATES - EN 1433 - 56,200 LBS., 250kN, 967 P.S.I.

Grate Part #	Description		Length (MM)	List Price	List Price (Per Foot)	Weight	Grate Free Area (Sq. in. ft.)	
T300-PGC-13-GM	Class C Galvanized Mesh Grate, 1 meter		39.37" (1000)	\$1,857.40	\$566.28	68.53	109.78	
T300-PGC-13-GM-500	Class C Galvanized Mesh Grate, 1/2 meter		19.69" (500)	\$891.29	\$543.47	36.82	109.78	
T300-PGC-3-SM	Class C Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$3,926.16	1,197.00	68.53	109.78	
T300-PGC-3-SM-500	Class C Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$3096.93	1,888.37	36.82	109.78	
T300-PGC-4	Class C Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$181.05	\$110.40	29.23	77.02	
T300-PGC-4-HP	Class C Ductile Iron Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$641.90	\$391.40	29.23	21.59	
T300-PGC-4-WVY	Class C Ductile Iron WAVE Grate, 1/2 meter		19.69" (500)	\$549.61	\$335.13	34.10	84.63	

#### LOAD CLASS E GRATES - EN 1433 - 134,800 LBS., 600kN, 2,321 P.S.I.

T300-PGE-4	Class E Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$647.80	\$395.00	42.02	77.02	
T300-PGE-4-13	Class E Galvanized Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$777.36	\$474.00	42.02	77.02	
T300-PGE-4-HP	Class E Ductile Iron Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$746.86	\$455.40	42.02	21.39	
T300-PGE-4-ADA	Class E Ductile Iron Longitudinal Slotted Grate, 1/2 meter	 	19.69" (500)	\$746.86	\$455.40	63.80	19.07	
T300-PGE-4-ADA-13	Class E Galvanized Ductile Iron Longitudinal Slotted Grate, 1/2 meter		19.69" (500)	\$1,097.82	\$669.40	63.80	19.07	
T300-PGE-3-SBG	Class E Stainless Steel Bar Grate, 1 meter		39.37" (1000)	\$4,226.25	\$1,288.49	100.00	73.63	
T300-PGE-3-SBG-500	Class E Stainless Steel Bar Grate, 1/2 meter Grate, 1/2 meter		19.69" (500)	\$2,535.74	\$1,546.18	60.00	73.63	
T300-SCE-4	Class E Ductile Iron Solid Cover, 1/2 meter	 	19.69" (500)	\$659.94	\$402.40	66.00	-	

#### LOAD CLASS F GRATES - EN 1433 - 202,320 lbs., 900 Kn, 4,177 P.S.I.

T300-PGF-4-B	Class F Ductile Iron Slotted 4 Bolt Grate, 1/2 meter		19.69" (500)	\$405.72	\$247.39	48.23	72.41	
T300-PGF-4-B-13	Class F Galvanized Ductile Iron Slotted 4 Bolt Grate, 1/2 meter		19.69" (500)	\$613.15	\$373.87	48.23	72.41	

**Note: These 4 bolt grates are only to be used with the T3100 and T3200 systems - pages 26 and 28.**



See page 22 for explanation of ADA compliant grates



See page 22 for explanation of Heelproof compliant grates

**Black acid resistant epoxy coated ductile iron grates (-11B) are available. Same price as the -13 grates.**

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

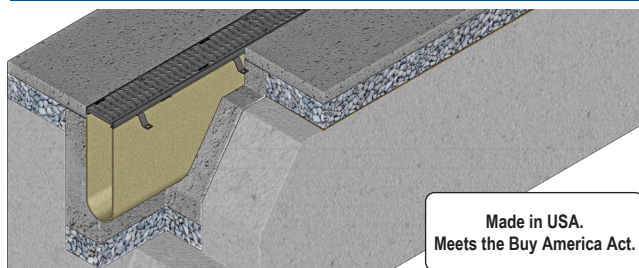
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Due to the complexity of some projects, a standard off the shelf system may not meet the project needs. MIFAB® has developed a 4" (T1600), 8" (T2200) and 12" (T3200) internal width fiberglass (FRP) trench system. Depending on the application, MIFAB is able to build these channel systems using many different resins and dimensions to meet site specific requirements. The considerations are typically around long continuous sloping trench drain runs. These systems are able to accommodate changes of direction; primarily 45 and 90 degree bends and tees or whatever the project demands. We are able to produce the 8" system in depths of up to 48" and the 12" system in depths of up to 60". Accompanying the trench system, the frames are made from either powder epoxy coated steel, galvanized steel and / or stainless steel; depending on the project requirements. All accessories are available including inlet caps, end caps, end outlets, bottom outlets and catch basins. Grates are available in load classes from A to F and are manufactured using ductile iron, galvanized steel, stainless steel and / or fiberglass.

### T1600 - 4" INTERNAL WIDTH, PRESLOPED, FIBERGLASS HIGH CAPACITY TRENCH DRAIN SYSTEM



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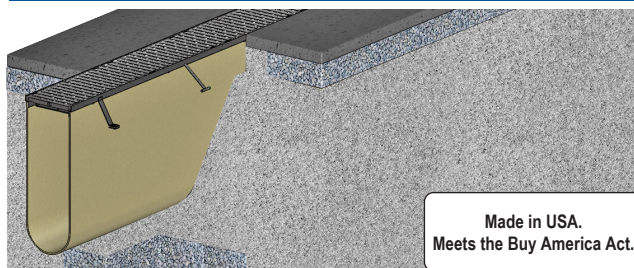
**Specification:** MIFAB® Series T1600 - 4" internal width trench drain manufactured from fiberglass channels, fabricated metal frames (specify powder coated steel, galvanized steel or stainless steel) and grates (specify ductile iron, galvanized steel, stainless steel or fiberglass in required Load Class and profile). Channels and frames are available in up to 20' long sections and channel depths range from 8" to 48". Field assembly of frames to top of channels is required by others. No hub end outlets are available up to 4". T2000-CB2024 catch basins are also available (see page 24).

**Function:** Ideal for projects that have large amounts of water to contain or drain within a long, continuous sloped trench drain system. Channel depths of up to 36" provide high volume drainage capacity.

See Page 15 for T100 Series grates for the T1600 channels.

Note: -PX Load Class F grates are not available with the T1600

### T2200 - 8" INTERNAL WIDTH, PRESLOPED, FIBERGLASS HIGH CAPACITY TRENCH DRAIN SYSTEM



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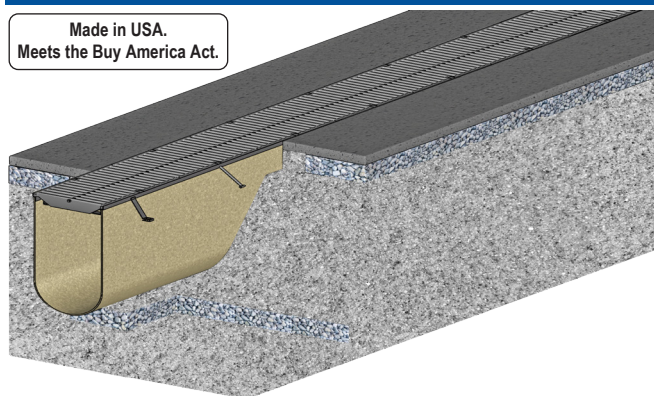
**Specification:** MIFAB® Series T2200 - 8" internal width trench drain manufactured from fiberglass channels, fabricated metal frames (specify powder coated steel, galvanized steel or stainless steel) and grates (specify ductile iron, galvanized steel, stainless steel or fiberglass in required Load Class and profile). Channels and frames are available in up to 20' long sections and channel depths range from 8" to 48". Field assembly of frames to top of channels is required by others. No hub end outlets are available up to 8". T2000-CB2024 catch basins are also available (see page 24).

**Function:** Ideal for projects that have large amounts of water to contain or drain within a long, continuous sloped trench drain system. Channel depths of up to 48" provide high volume drainage capacity.

See Page 20 for T200 Series grates for the T2200 channels.

Note: -PX Load Class F grates are not available with the T2200

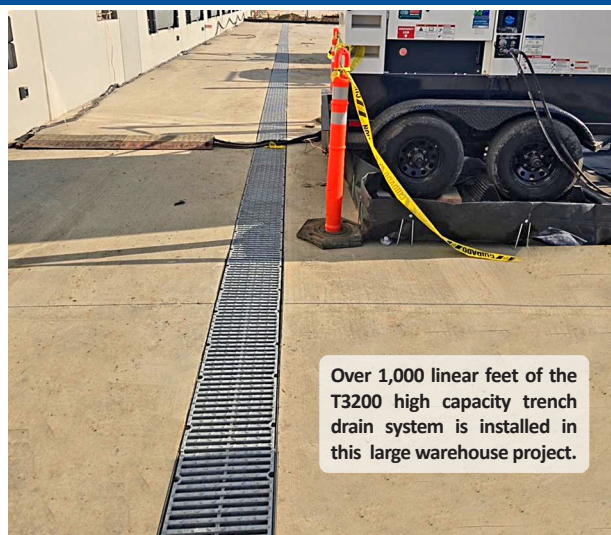
### T3200 - 12" INTERNAL WIDTH, PRESLOPED, FIBERGLASS HIGH CAPACITY TRENCH DRAIN SYSTEM



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**Specification:** MIFAB® Series T3200 - 12" internal width trench drain manufactured from fiberglass channels, fabricated metal frames (specify powder coated steel, galvanized steel or stainless steel) and grates (specify ductile iron, galvanized steel, stainless steel or fiberglass in required Load Class and profile). Channels and frames are available in up to 20' long sections and channel depths range from 8" to 60". Field assembly of frames to top of channels is required by others. No hub end outlets are available up to 10". T2000-CB2024 catch basins are also available (see page 24).

**Function:** Ideal for projects that have large amounts of water to contain or drain within a long, continuous sloped trench drain system. Channel depths of up to 60" provide high volume drainage capacity.



Over 1,000 linear feet of the  
T3200 high capacity trench  
drain system is installed in  
this large warehouse project.

Pricing available for T2200 and T3200 systems once all information is supplied. Engineering drawings will be generated to confirm requirements and production will commence after signed off drawings are received.

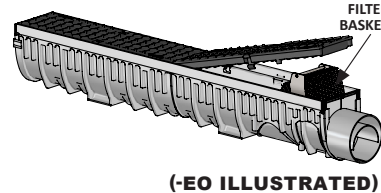
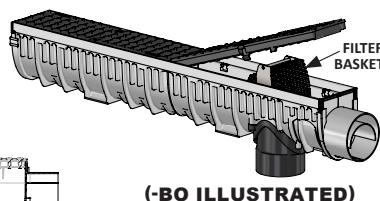
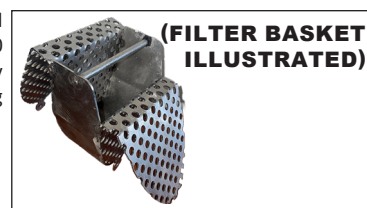
Note: See Page 27 for T300 Series grates for the T3200 channels.

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**T1400-LT - 4" INTERNAL WIDTH, GRP LINT TROUGH**

**SPECIFICATION:** MIFAB® T1400-LT 4" internal width lint trough manufactured from glass fiber reinforced polyester (GRP) with GRP edge, (specify grates required), 2" or 3" no hub end outlets, 2" or 3" Schedule 40 PVC socket connection end outlets, and removable, corrosion resistant primary filter screen and secondary filter basket. Neutral sloped channels are ideal for above or below grade installation. Maximum working temperature (constant flow) of 212° Fahrenheit (100° C) and intermittent flow of 392° Fahrenheit (200° C) .

FILTER BASKET ONLY	LIST PRICE
T1400-LT-BO Filter basket at bottom outlet	\$1,050.00
T1400-LT-EO Filter basket at end outlet	\$1,050.00



Note: See pages 12 - 15 for T1400 channels, grates and accessories to add to the Filter Basket price.

Channels are not included and need to be ordered separately.

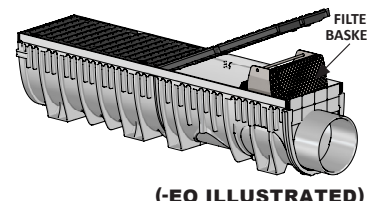
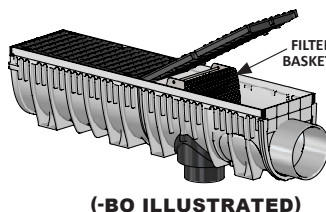
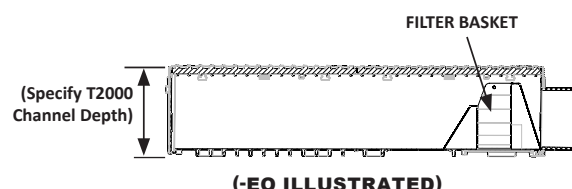
Note: Contact MIFAB® for System Design and Pricing.

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**T2000-LT - 8" INTERNAL WIDTH, GRP LINT TROUGH**

**SPECIFICATION:** MIFAB® T2000-LT 8" internal width lint trough manufactured from glass fiber reinforced polyester (GRP) with GRP edge, (specify grates required), 4" or 6" no hub end outlets, 4" or 6" Schedule 40 PVC socket connection end outlets, and removable, corrosion resistant primary filter screen and secondary filter basket. Neutral sloped channels are ideal for above or below grade installation. Maximum working temperature (constant flow) of 212° Fahrenheit (100° C) and intermittent flow of 392° Fahrenheit (200° C) .

FILTER BASKET ONLY	LIST PRICE
T2000-LT-BO Filter basket at bottom outlet	\$1,268.00
T2000-LT-EO Filter basket at end outlet	\$1,268.00



Note: See pages 18 - 21 for T2000 channels, grates and accessories to add to the Filter Basket price.

Channels are not included and need to be ordered separately.

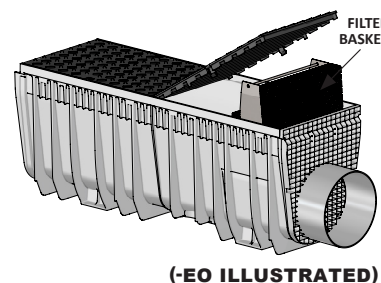
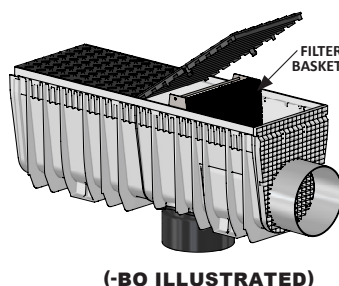
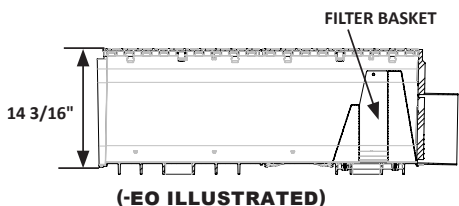
Note: Contact MIFAB® for System Design and Pricing.

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**T3000-LT - 12" INTERNAL WIDTH, GRP LINT TROUGH**

**SPECIFICATION:** MIFAB® T3000-LT, 12" internal width lint trough manufactured from glass fiber reinforced polyester (GRP) with GRP edge, (specify grates required), 8" Schedule 40 PVC socket connection end outlet, and removable, corrosion resistant primary filter screen and secondary filter basket. Neutral sloped channels are ideal for above or below grade installation. Maximum working temperature (constant flow) of 212° Fahrenheit (100° C) and intermittent flow of 392° Fahrenheit (200° C) .

FILTER BASKET ONLY	LIST PRICE
T3000-LT-BO Filter basket at bottom outlet	\$1,648.50
T3000-LT-EO Filter basket at end outlet	\$1,648.50



Note: See pages 22 - 25 for T3000 channels, grates and accessories to add to the Filter Basket price.

Channels are not included and need to be ordered separately.

Note: Contact MIFAB® for System Design and Pricing.

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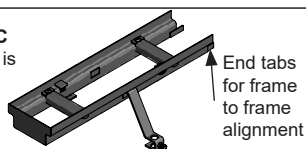
## T1400-F - 4" INTERNAL WIDTH FRAME

**SPECIFICATION:** MIFAB® Series T1400-F, 4" internal width 1" X 5/8" – .075" thick, steel frame with acid resistant powder epoxy coating and 1" X 3" anchor tabs.

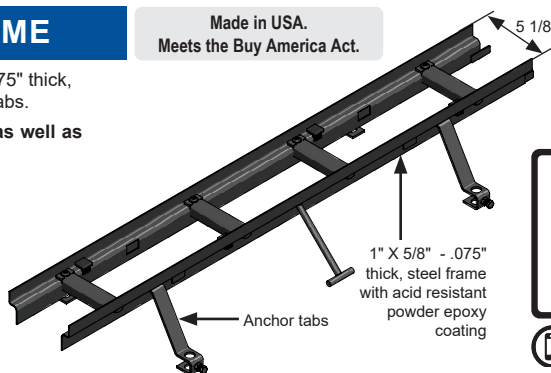
Frames can accommodate all T100 Series ClipFix self locking grates as well as 4 bolt ductile iron grates.

**Note:** Must order in 19.69" (1/2 meter) long increments.  
9.84 foot long (3 meter) sections are standard.

**T1400-F-EC**  
End Frame is  
19.69" long



Frames are  
manufactured  
per order.



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Model Number	Description	List Price
<b>T1400-F</b>	4" internal width, powder epoxy coated steel frame	<b>\$175.50/ Foot</b>
<b>T1400-F-13</b>	4" internal width, galvanized steel frame	<b>\$300.75/ Foot</b>
<b>T1400-F-EC</b>	4" internal width, powder epoxy coated steel end frame, with two securing screws	<b>\$74.00, each</b>
<b>T1400-F-EC-13</b>	4" internal width, galvanized steel end frame, with two securing screws	<b>\$118.00, each</b>

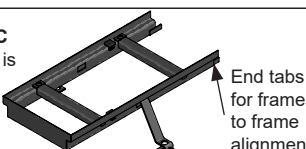
## T2000-F - 8" INTERNAL WIDTH FRAME

**SPECIFICATION:** MIFAB® Series T2000-F, 8" internal width 1" X 5/8" – .075" thick, steel frame with acid resistant powder epoxy coating and 1" X 3" anchor tabs.

Frames can accommodate all T200 Series ClipFix self locking grates as well as 4 bolt ductile iron grates.

**Note:** Must order in 19.69" (1/2 meter) long increments.  
9.84 foot long (3 meter) sections are standard.

**T2000-F-EC**  
End Frame is  
19.69" long



Frames are  
manufactured  
per order.



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SPEC. SHEETS

Model Number	Description	List Price
<b>T2000-F</b>	8" internal width, powder epoxy coated steel frame	<b>\$301.00/ Foot</b>
<b>T2000-F-13</b>	8" internal width, galvanized steel frame	<b>\$372.50/ Foot</b>
<b>T2000-F-EC</b>	8" internal width, powder epoxy coated steel end frame, with two securing screws	<b>\$126.00, each</b>
<b>T2000-F-EC-13</b>	8" internal width, galvanized steel end frame, with two securing screws	<b>\$168.00, each</b>

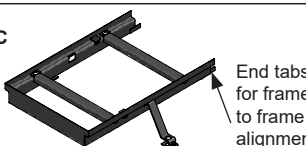
## T3000-F – 12" INTERNAL WIDTH FRAME

**SPECIFICATION:** MIFAB® Series T3000-F, 12" internal width, 1 x 5/8" – .075" thick steel frame with acid resistant powder epoxy coating and 1" x 3" anchor tabs.

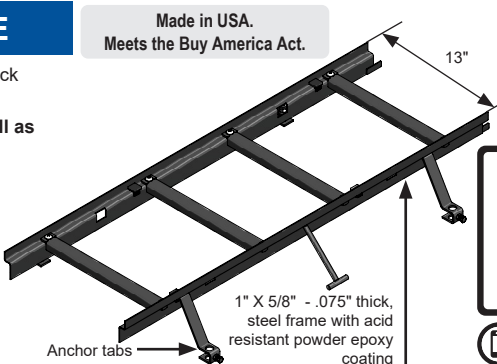
Frames can accommodate all T300 Series ClipFix self locking grates as well as 4 bolt ductile iron grates.

**Note:** Must order in 19.69" (1/2 meter) long increments.  
9.84 foot long (3 meter) sections are standard.

**T3000-F-EC**  
End Frame is  
20" long



Frames are  
manufactured  
per order.



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Model Number	Description	List Price
<b>T3000-F</b>	12" internal width, powder epoxy coated steel frame	<b>\$350.00/ Foot</b>
<b>T3000-F-13</b>	12" internal width, galvanized steel frame	<b>\$420.00/ Foot</b>
<b>T3000-F-EC</b>	12" internal width, powder epoxy coated steel end frame, with two securing screws	<b>\$200.00 each</b>
<b>T3000-F-EC-13</b>	12" internal width, galvanized steel end frame, with two securing screws	<b>\$266.25 each</b>

Note: Custom designs are available. Contact MIFAB®

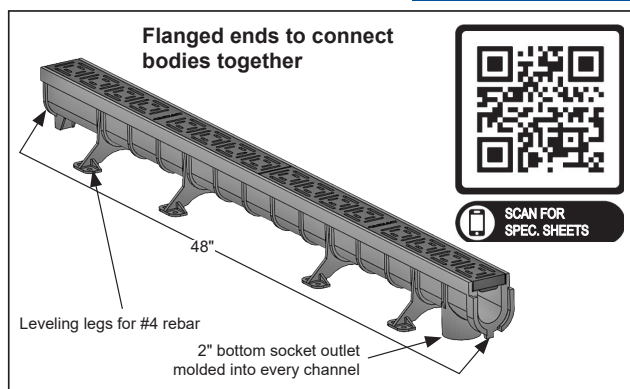
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### SPECIFICATION:

MIFAB® Series T250, 2" Internal width, 3" deep, 48" long, non sloped channel with two 24" long HDPE grates. Channel is manufactured from gray UV-10 stabilized High Density Polyethylene (H.D.P.E.). Each channel has leveling legs for #4 rebar tie down and leveling. Channels have interlocking ends to connect to each other. 2" bottom socket outlet into every channel. 2" end outlets and end caps are available.

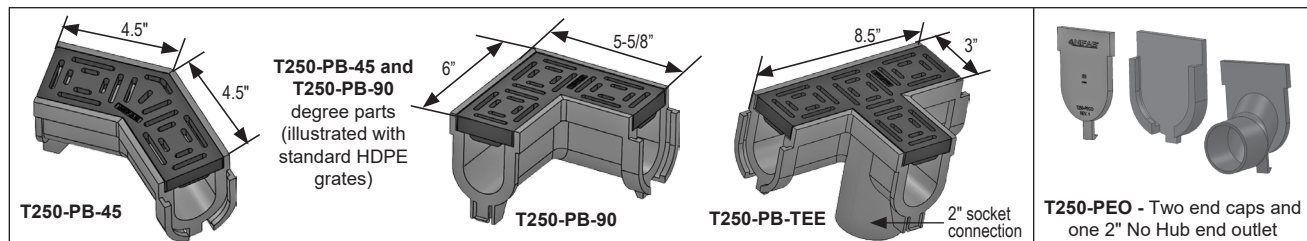
MODEL NUMBER	Description	List Price per 48" section
T250-PB-BO	2" internal width, High Density Polyethylene (H.D.P.E.), channel with two 24" long HDPE grates and 2" bottom socket outlet.	\$268.00



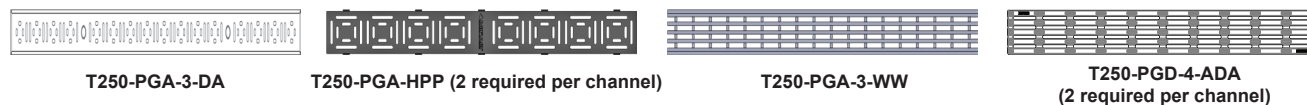
Grates		
Part Number	Description	List Price, Per 48" piece, Add
T250-PGD-4-ADA	Ductile iron longitudinal grate - Class D, 24" long	\$62.00
T250-PGA-3-DA	Stainless Steel, Decorative grate - Class A, 48" long	\$1,672.00
T250-PGA-3-WW	Stainless Steel, Wedgewire grate - Class A, 48" long	\$908.00

End Caps / Outlets / Accessories		
Part Number	Description	List Price, Each
T250-PEO	Two end caps and one 2" No Hub end outlet (3 pieces in total)	\$57.00
MI-FLEX-200	2" Flexible rubber coupling to connect 2" No Hub end outlet to drainage pipe	\$18.50

45° and 90° Fabrications		
Part Number	Description	List Price, Each
T250-PB-45-HPP	45° Channel Section with HDPE grate, Class A	\$76.00
T250-PB-90-HPP	90° Channel Section with HDPE grate, Class A	\$76.00
T250-PB-TEE-HPP	Tee Channel Section with HDPE grate, Class A	\$76.00
T250-PB-45-3-DA	45° Channel Section with Stainless Steel, Decorative grate, Class A	\$365.00
T250-PB-90-3-DA	90° Channel Section with Stainless Steel, Decorative grate, Class A	\$365.00
T250-PB-TEE-DA	Tee Channel Section with Stainless Steel, Decorative grate, Class A	\$539.25
T250-PB-45-3-WW	45° Channel Section with Stainless Steel, Wedgewire grate, Class A	\$187.00
T250-PB-90-3-WW	90° Channel Section with Stainless Steel, Wedgewire grate, Class A	\$187.00
T250-PB-TEE-WW	Tee Channel Section with Stainless Steel, Wedgewire grate, Class A	\$367.75



## GRATES FOR T250 TRENCH DRAIN SYSTEM



Grate Part Number	Suffix	Description	Material	Weight (lbs./ft.)	Length	Free Area (sq. in. per ft.)	Slot Width / Hole Size	ADA	Load Ratings			
									DIN	ANSI	H-20	FAA
T250-PGA-HPP	-HPP	Decorative	H.D.P.E.	0.70	24"	9.00	0.25"	Yes	A	Light Duty	No	No
T250-PGA-3-DA	-DA	Decorative	Stainless Steel	1.30	48"	11.00	0.25"	Yes	A	Light Duty	No	No
T250-PGA-3-WW	-WW	Wedgewire	Stainless Steel	1.25	48"	18.00	0.25"	Yes	A	Light Duty	No	No
T250-PGD-4-ADA	-PGD-4-ADA	Longitudinal	Ductile Iron	5.00	24"	11.00	0.25"	Yes	D	Extra Heavy Duty	No	No

"MIFAB® has excellent trench drain product backed up by better customer service." – Randy Lowe, Owner, Randall Lowe Plumbing, Atlanta, GA

Note: Custom grate designs are available. Contact MIFAB®

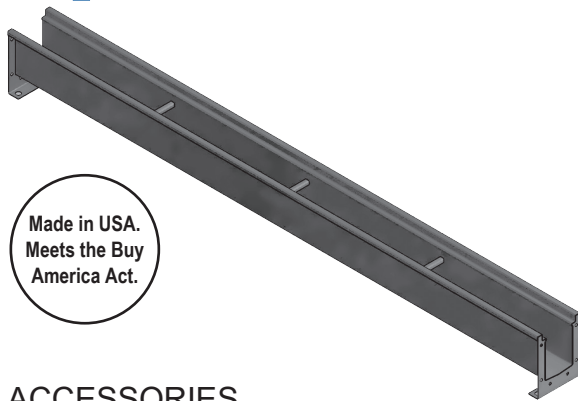
Go to [www.MIFAB.com](http://www.MIFAB.com) for the T250 Cross Section detail & specification sheet

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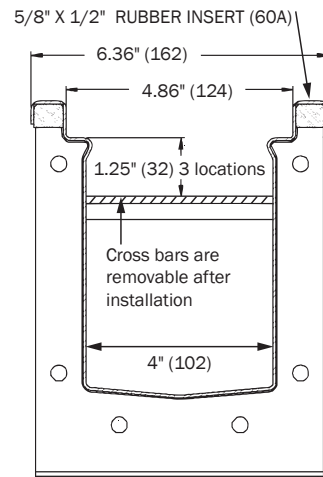
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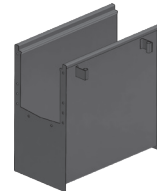
### ACCESSORIES

		LIST PRICE (ADD)
-6	Vandal Proof grates (center lockdown)	\$18.50
-7MG	MI-GARD Trap Seal Protection device (3" or 4")	\$124.00
-20	Bottom outlet strainer	\$531.50
-45	45° fabricated body (T1330-45)	\$1469.00
-90	90° fabricated body (T1330-90)	\$2202.50
-CB	Catch Basin (Part # P6060-CB620) (1/2 meter long, w/sediment bucket, transition plates and hardware kit)	\$3450.50
-CF	Cross fabricated body	\$2935.50
-FL	Anchor (waterproofing) flange	\$194.50 / foot
-FLC	Membrane Clamp (includes anchor flange)	\$320.50 / foot
MI-FLEX-300	3" Flexible rubber coupling to connect 3" No Hub vertical and horizontal channel outlets to drainage pipe	\$30.25
MI-FLEX-400	4" Flexible rubber coupling to connect 4" No Hub vertical and horizontal channel outlets to drainage pipe	\$35.70
-PEC	Closed End Cap (T1330-PEC)	\$294.25
-PEO	3" or 4" No Hub End Outlet (T1330-PEO3, T1330-PEO4)	\$294.25
-TEE	Tee fabricated body	\$2934.75

#### SPECIFICATION:

MIFAB® Series T1330, 4" internal width, 16 gauge fabricated, powder epoxy coated steel presloped trench drain (1%) with optional grates (see page 15). Channels are available in one and two meter lengths, have flanged ends to connect to each other with a neoprene gasket. Bottom and end outlets are available in 3" or 4" no hub outlet connections. Also available with optional anchor flange (Suffix -FL).

**T1330-CB620 Catch Basin**  
Channels 1, 3 and 5 to connect to  
Catch Basin.



**T1360-HDW** - Universal neoprene gasket for between channels, end caps and end outlets with hardware included with every channel, end cap / end outlet ordered

<b>T1330-CB620</b> Catch Basin Channels 1, 3 and 5 to connect to Catch Basin.						
		Suffix -7MG MI-GARD	Suffix -20 Bottom Outlet Strainer	T1330-PEC End Cap	No Hub End outlet 3" or 4"	No Hub Flexible Rubber Coupling Connector to 4", 6" or 8" pipe

CHANNEL#	LENGTH	Shallow Invert	Deep Invert	List Price / Ea. Channel	List Price / Foot
T1331	78.74" (2m)	4"	4.78"	\$3163.56	\$482.25
T1331N	78.74" (2m)	4.78"	4.78"	\$3163.56	\$482.25
T1331N-B03	78.74" (2m) (w/3" BO)	4.78"	4.78"	\$3163.56	\$482.25
T1331N-B04	78.74" (2m) (w/4" BO)	4.78"	4.78"	\$3163.56	\$482.25
T1331N-1M	39.37" (1m)	4.78"	4.78"	\$1581.78	\$482.25
T1332	78.74" (2m)	4.78"	5.56"	\$3163.56	\$482.25
T1333	78.74" (2m)	5.56"	6.34"	\$3163.56	\$482.25
T1333N	78.74" (2m)	6.34"	6.34"	\$3163.56	\$482.25
T1333N-B03	78.74" (2m) (w/3" BO)	6.34"	6.34"	\$3163.56	\$482.25
T1333N-B04	78.74" (2m) (w/4" BO)	6.34"	6.34"	\$3163.56	\$482.25
T1333N-1M	39.37" (1m)	6.34"	6.34"	\$1581.78	\$482.25
T1334	78.74" (2m)	6.34"	7.12"	\$3163.56	\$482.25
T1335	78.74" (2m)	7.12"	7.9"	\$3163.56	\$482.25
T1335N	78.74" (2m)	7.9"	7.9"	\$3163.56	\$482.25
T1335N-B03	78.74" (2m) (w/3" BO)	7.9"	7.9"	\$3163.56	\$482.25
T1335N-B04	78.74" (2m) (w/4" BO)	7.9"	7.9"	\$3163.56	\$482.25
T1335N-1M	39.37" (1m)	7.9"	7.9"	\$1581.78	\$482.25

**NOTE:** Flow rate information per channel section is available on the [www.MIFAB.com](http://www.MIFAB.com) website

**NOTE:** Custom lengths, widths, depths, slopes and profiles available upon request. Contact MIFAB®.

**Note:** The neoprene gasket used to connect long runs of trench drain bodies is not recommended for use with caustic or harsh chemicals. In these cases, it is recommended that the trench drain sections be welded on site.

**CALIFORNIA PROPOSITION 65 WARNING.** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



#### LOAD CLASS A GRATES - EN 1433 - 3,372 LBS., 15kN, 70 P.S.I.

Grate Part #	Description		Length (MM)	List Price	List Price (Per Foot)	Weight	Grate Free Area (Sq. in./ft.)	
T100-PGA-13-FP	Class A Galvanized Perforated Grate, 1 meter		39.37" (1000)	\$50.48	\$15.39	3.85	8.08	
T100-PGA-13-FP-500	Class A Galvanized Perforated Grate, 1/2 meter		19.69" (500)	\$30.29	\$18.47	2.09	8.08	
T100-PGA-3-FP	Class A Stainless Steel Perforated Grate, 1 meter		39.37" (1000)	\$299.76	\$91.39	3.85	8.08	
T100-PGA-3-FP-500	Class A Stainless Steel Perforated Grate, 1/2 meter		19.69" (500)	\$179.86	\$109.67	2.09	8.08	
T100-PGA-13-FS	Class A Galvanized Slotted Grate, 1 meter		39.37" (1000)	\$50.48	\$15.39	3.08	13.31	
T100-PGA-13-FS-500	Class A Galvanized Slotted Grate, 1/2 meter		19.69" (500)	\$30.29	\$18.47	2.86	13.31	
T100-PGA-3-FS	Class A Stainless Steel Slotted Grate, 1 meter		39.37" (1000)	\$299.76	\$91.39	3.12	13.31	
T100-PGA-3-FS-500	Class A Stainless Steel Slotted Grate, 1/2 meter		19.69" (500)	\$179.86	\$109.67	2.42	13.31	
T100-PGA-3-SM	Class A Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$435.91	\$132.90	5.72	40.17	
T100-PGA-3-SM-500	Class A Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$250.08	\$152.43	3.08	40.17	
T100-PGA-HPP-BLK	Class A Plastic Longitudinal, Slotted Black Grate, 1/2 meter		19.69" (500)	\$92.48	\$56.39	1.80	7.56	
T100-PGA-HPP-GRY	Class A Plastic Longitudinal, Slotted Grey Grate, 1/2 meter		19.69" (500)	\$92.48	\$56.39	1.80	7.56	

#### LOAD CLASS B GRATES - EN 1433 - 28,100 LBS., 125kN, 580 P.S.I.

T100-PGB-13-LS	Class B Galvanized Longitudinal Grate, 1 meter		39.37" (1000)	\$215.40	\$65.67	8.80	28.05	
T100-PGB-13-LS-500	Class B Galvanized Longitudinal Grate, 1/2 meter		19.69" (500)	\$119.64	\$72.95	4.37	28.05	
T100-PGB-3-WW	Class B Stainless Steel Longitudinal, anti slip, WW Grate, 1 meter		39.37" (1000)	\$1,844.48	\$562.34	8.80	26.52	
T100-PGB-3-WW-500	Class B Stainless Steel Longitudinal, anti slip, WW Grate, 1/2 meter		19.69" (500)	\$1,306.67	\$796.75	4.37	26.52	

#### LOAD CLASS C GRATES - EN 1433 - 56,200 LBS., 250kN, 1,160 P.S.I.

T100-PGC-13-FP	Class C Galvanized Perforated Grate, 1 meter		39.37" (1000)	\$348.96	\$106.39	9.04	8.08	
T100-PGC-13-FP-500	Class C Galvanized Perforated Grate, 1/2 meter		19.69" (500)	\$209.38	\$127.67	4.51	8.08	
T100-PGC-3-FP	Class C Stainless Steel Perforated Grate, 1 meter		39.37" (1000)	\$686.80	\$209.39	9.04	8.08	
T100-PGC-3-FP-500	Class C Stainless Steel Perforated Grate, 1/2 meter		19.69" (500)	\$412.08	\$251.27	4.51	8.08	
T100-PGC-13-FS	Class C Galvanized Slotted Grate, 1 meter		39.37" (1000)	\$348.96	\$106.39	9.68	13.31	
T100-PGC-13-FS-500	Class C Galvanized Slotted Grate, 1/2 meter		19.69" (500)	\$209.38	\$127.67	4.59	13.31	
T100-PGC-3-FS	Class C Stainless Steel Slotted Grate, 1 meter		39.37" (1000)	\$686.80	\$209.39	9.32	13.31	
T100-PGC-3-FS-500	Class C Stainless Steel Slotted Grate, 1/2 meter		19.69" (500)	\$412.08	\$251.27	4.62	13.31	
T100-PGC-13-GM	Class C Galvanized Mesh Grate, 1 meter		39.37" (1000)	\$360.11	\$109.79	11.50	40.75	
T100-PGC-13-GM-500	Class C Galvanized Mesh Grate, 1/2 meter		19.69" (500)	\$216.05	\$131.74	5.80	40.75	
T100-PGC-3-SM	Class C Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$825.05	\$251.54	11.50	40.75	
T100-PGC-3-SM-500	Class C Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$593.22	\$361.72	5.80	40.75	
T100-PGC-13-SD	Class C Galvanized Paverslot Grate, 1 meter		39.37" (1000)	\$1,264.08	\$385.39	10.25	6.00	
T100-PGC-13-SD-500	Class C Galvanized Paverslot Grate, 1/2 meter		19.69" (500)	\$758.45	\$462.47	5.23	6.00	
T100-PGC-13-SD-MU-500	Class C Galvanized Maintenance Unit Paverslot, 1/2 meter		19.69" (500)	\$430.32	\$262.39	7.43	3.00	
T100-PGC-3-SD	Class C Stainless Steel Paverslot Grate, 1 meter		39.37" (1000)	\$1,696.38	\$517.19	10.07	6.00	
T100-PGC-3-SD-500	Class C Stainless Steel Paverslot Grate, 1/2 meter		19.69" (500)	\$992.82	\$605.38	5.06	6.00	
T100-PGC-3-SD-MU-500	Class C Stainless Steel Maintenance Unit Paverslot, 1/2 meter		19.69" (500)	\$676.19	\$412.31	7.43	3.00	
T100-PGC-HPP	Class C Black Plastic Slotted Grate, 1/2 meter		19.69" (500)	\$120.75	\$73.63	2.35	9.84	
T100-PGC-4	Class C Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$62.96	\$38.39	7.26	16.64	
T100-PGC-4-13	Class C Galvanized Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$115.44	\$70.39	7.26	16.64	
T100-PGC-4-HP	Class C Ductile Iron Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$114.62	\$69.89	7.26	7.42	
T100-PGC-4-ADA	Class C Ductile Iron Longitudinal Grate, 1/2 meter		19.69" (500)	\$114.62	\$69.89	7.26	7.42	
T100-PGC-4-ADA-13	Class C Galvanized Ductile Iron Longitudinal Grate, 1/2 meter		19.69" (500)	\$217.94	\$132.89	7.26	7.42	
T100-PGC-4-WVY	Class C Ductile Iron WAVE Grate, 1/2 meter		19.69" (500)	\$140.04	\$85.39	10.12	25.96	
T100-PGC-4-BG	Class C Ductile Iron Bavaria Grate, 1/2 meter		19.69" (500)	\$140.04	\$85.39	6.60	13.88	
T100-SCC-4	Class C Ductile Iron Solid Cover, 1/2 meter		19.69" (500)	\$123.64	\$75.39	13.00	-	

#### LOAD CLASS E GRATES - EN 1433 - 134,800 LBS., 600kN, 2,785 P.S.I.

T100-PGE-13-FS	Class E Galvanized Slotted Grate, 1 meter		39.37" (1000)	\$293.66	\$89.53	9.68	13.31	
T100-PGE-13-FS-500	Class E Galvanized Slotted Grate, 1/2 meter		19.69" (500)	\$188.60	\$115.00	4.59	13.31	
T100-PGE-3-FS	Class E Stainless Steel Slotted Grate, 1 meter		39.37" (1000)	\$940.05	\$286.60	9.32	13.31	
T100-PGE-3-FS-500	Class E Stainless Steel Slotted Grate, 1/2 meter		19.69" (500)	\$564.03	\$343.92	4.62	13.31	
T100-PGE-4	Class E Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$102.32	\$62.39	8.36	19.49	
T100-PGE-4-13	Class E Galvanized Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$130.20	\$79.39	8.36	19.49	
T100-PGE-4-HP	Class E Ductile Iron Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$177.76	\$108.39	8.36	7.42	
T100-PGE-4-ADA	Class E Ductile Iron Longitudinal Grate, 1/2 meter		19.69" (500)	\$177.76	\$108.39	10.70	18.07	
T100-PGE-4-ADA-13	Class E Galvanized Ductile Iron Longitudinal Grate, 1/2 meter		19.69" (500)	\$263.04	\$160.39	10.70	18.07	
T100-PGE-4-ADA-ARRA	Class E Ductile Iron Longitudinal Grate, 1/2 meter, Made in USA		19.69" (500)	\$218.76	\$133.39	10.70	18.07	
T100-PGE-4-ADA-ARRA	Class E Galvanized Ductile Iron Longitudinal Grate, 1/2 meter, Made in USA		19.69" (500)	\$305.68	\$186.39	10.70	18.07	
T100-PGE-3-SBG	Class E Stainless Steel Bar Grate, 1 meter		39.37" (1000)	\$1,870.88	\$570.39	12.00	24.70	
T100-PGE-3-SBG-500	Class E Stainless Steel Bar Grate, 1/2 meter		19.69" (500)	\$1,122.53	\$684.47	7.00	24.70	

#### LOAD CLASS F GRATES - EN 1433 - 202,320 lbs., 900 Kn, 4,177 P.S.I.

T100-PGF-4-B	Class F Ductile Iron 4 bolt slotted grate, 1/2 meter	CUSTOM CHANNEL REQUIRED CONTACT MIFAB®	19.69" (500)	\$176.12	\$107.39	9.50	18.83	
T100-PGF-4-B-13	Class F Galvanized Ductile Iron 4 bolt slotted grate, 1/2 meter		19.69" (500)	\$218.76	\$133.39	9.50	18.83	

See page 12 for explanation of ADA compliant grates

See page 12 for explanation of Heelproof compliant grates

Black acid resistant epoxy coated ductile iron grates (-11B) are available.  
Same price as the -13 grates.

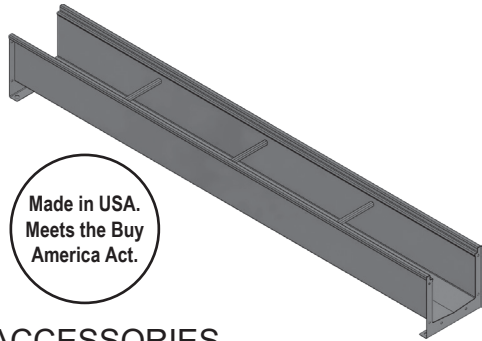
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Visit [www.mifab.com](http://www.mifab.com) for the most recent product information. Design and dimensions are subject to modification. Prices do not include applicable taxes.

Toll Free: 1-800-465-2736, Fax: 1-773-341-3049  
sales@mifab.com Canada Toll Free: 1-800-387-3880

MIFAB®, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA  
All sales subject to MIFAB's Terms and Warranties, please refer to page no. 54.

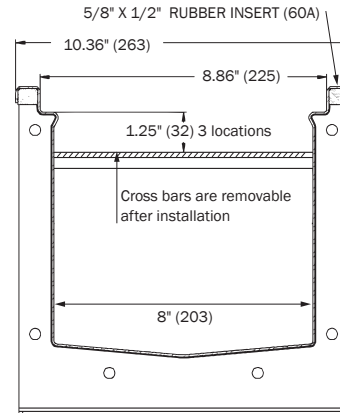




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SCAN FOR  
SPEC. SHEETS



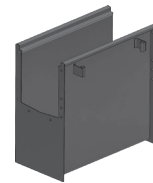
### ACCESSORIES

		LIST PRICE (ADD)
-6	Vandal Proof grates (center lockdown)	\$18.50
-7MG	MI-GARD Trap Seal Protection device (4" or 6")	\$124.00
-20	Bottom outlet strainer	\$531.50
-45	45° fabricated body (T1360-45)	\$2,202.50
-90	90° fabricated body (T1360-90)	\$2,934.75
-CB	Catch Basin (Part # P6080-CB820) (1/2 meter long, w/ sediment bucket, transition plates and hardware kit)	\$4,405.25
-CF	Cross fabricated body	\$3,670.00
-FL	Anchor (waterproofing) flange	\$235.00 / foot
-FLC	Membrane Clamp (includes anchor flange)	\$354.50 / foot
MI-FLEX-400	4" Flexible rubber coupling to connect 4" No Hub vertical and horizontal channel outlets to drainage pipe	\$35.70
MI-FLEX-600	6" Flexible rubber coupling to connect 6" No Hub vertical and horizontal channel outlets to drainage pipe	\$81.65
MI-FLEX-800	8" Flexible rubber coupling to connect 8" No Hub vertical and horizontal channel outlets to drainage pipe	\$120.75
-PEC	Closed End Cap (T1360-PEC)	\$330.50
-PEO	4", 6" or 8" No Hub End Outlet (T1360-PEO4, T1360-PEO6, T1330-PEO8)	\$330.50
-TEE	Tee fabricated body	\$3,669.75

#### SPECIFICATION:

MIFAB® Series T1360, 8" internal width, 16 gauge fabricated, powder epoxy coated steel presloped trench drain (1%) with optional grates (see page 21). Channels are available in one and two meter lengths, have flanged ends to connect to each other with a neoprene gasket. Bottom and end outlets are available in 4", 6" or 8" no hub outlet connections. Also available with optional anchor flange (Suffix -FL).

**T1360-CB820 Catch Basin**  
Channels 1, 3 and 5 to connect to  
Catch Basin.



**T1360-HDW - Universal neoprene gasket for between channels, end caps and end outlets with hardware included with every channel, end cap / end outlet ordered**

**T1360- B820**  
Catch Basin  
Channels 1, 3  
and 5 to connect  
to Catch Basin.



Suffix -7MG  
MI-GARD



Suffix -20  
Bottom Outlet  
Strainer



T1360-PEC  
Closed End Cap



No Hub End outlet  
4", 6" or 4"



No Hub Flexible Rubber  
Coupling Connector  
to 4", 6" or 8" pipe

CHANNEL#	LENGTH	Shallow Invert	Deep Invert	List Price / Ea. Channel	List Price / Foot
T1361	78.74" (2m)	6"	6.78"	\$3768.84	\$579.82
T1361N	78.74" (2m)	6.78"	6.78"	\$3768.84	\$579.82
T1361N-B04	78.74" (2m) (w/4" BO)	6.78"	6.78"	\$3768.84	\$579.82
T1361N-B06	78.74" (2m) (w/6" BO)	6.78"	6.78"	\$3768.84	\$579.82
T1361N-B08	78.74" (2m) (w/8" BO)	6.78"	6.78"	\$3768.84	\$579.82
T1361-1M	39.37" (1m)	6.78"	6.78"	\$1884.42	\$579.82
T1362	78.74" (2m)	6.78"	7.56"	\$3768.84	\$579.82
T1363	78.74" (2m)	7.56"	8.34"	\$3768.84	\$579.82
T1363N	78.74" (2m)	8.34"	8.34"	\$3768.84	\$579.82
T1363N-B04	78.74" (2m) (w/4" BO)	8.34"	8.34"	\$3768.84	\$579.82
T1363N-B06	78.74" (2m) (w/6" BO)	8.34"	8.34"	\$3768.84	\$579.82
T1363N-B08	78.74" (2m) (w/8" BO)	8.34"	8.34"	\$3768.84	\$579.82
T1363N-1M	39.37" (1m)	8.34"	8.34"	\$1884.42	\$579.82
T1364	78.74" (2m)	8.34"	9.12"	\$3768.84	\$579.82
T1365	78.74" (2m)	9.12"	9.9"	\$3768.84	\$579.82
T1365N	78.74" (2m)	9.9"	9.9"	\$3768.84	\$579.82
T1365N-B04	78.74" (2m) (w/4" BO)	9.9"	9.9"	\$3768.84	\$579.82
T1365N-B06	78.74" (2m) (w/6" BO)	9.9"	9.9"	\$3768.84	\$579.82
T1365N-B08	78.74" (2m) (w/8" BO)	9.9"	9.9"	\$3768.84	\$579.82
T1365N-1M	39.37" (1m)	9.9"	9.9"	\$1884.42	\$579.82

**NOTE:** Flow rate information per channel section is available on the [www.MIFAB.com](http://www.MIFAB.com) website

**NOTE:** Custom lengths, widths, depths, slopes and profiles available upon request. Contact MIFAB®.

Note: The neoprene gasket used to connect long runs of trench drain bodies is not recommended for use with caustic or harsh chemicals. In these cases, it is recommended that the trench drain sections be welded on site.

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.








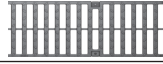

**LOAD CLASS A GRATES - EN 1433 - 3,372 LBS., 15kN, 70 P.S.I.**

Grate Part #	Description		Length (MM)	List Price	List Price (Per Foot)	Weight	Grate Free Area (Sq. in. /ft.)	
T200-PGA-13-GM	Class A Galvanized Mesh Grate, 1 meter		39.37" (1000)	\$432.14	\$131.75	13.13	78.78	
T200-PGA-13-GM-500	Class A Galvanized Mesh Grate, 1/2 meter		19.69" (500)	\$298.89	\$182.25	6.82	78.78	
T200-PGA-3-SM	Class A Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$2,471.48	\$753.50	13.13	78.78	
T200-PGA-3-SM-500	Class A Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$1,469.93	\$896.30	6.82	78.78	

**LOAD CLASS B GRATES - EN 1433 - 28,100 LBS., 125kN, 580 P.S.I.**

T200-PGB-13-LS	Class B Galvanized Longitudinal Grate, 1 meter		39.37" (1000)	\$486.92	\$148.45	16.02	51.25	
T200-PGB-13-LS-500	Class B Galvanized Longitudinal Grate, 1/2 meter		19.69" (500)	\$316.63	\$193.07	8.38	51.25	
T200-PGB-3-WW	Class B Stainless Longitudinal, anti slip WW grate, 1 meter		39.37" (1000)	\$3466.14	\$1056.75	16.32	48.78	
T200-PGB-3-WW-500	Class B Stainless Longitudinal, anti slip WW grate, 1/2 meter		19.69" (500)	\$2061.66	\$1257.11	8.31	48.78	











**LOAD CLASS C GRATES - EN 1433 - 56,200 LBS., 250kN, 1,160 P.S.I.**

T200-PGC-13-GM	Class C Galvanized Mesh Grate, 1 meter		39.37" (1000)	\$921.32	\$280.89	24.33	70.46	
T200-PGC-13-GM-500	Class C Galvanized Mesh Grate, 1/2 meter		19.69" (500)	\$561.80	\$342.56	11.66	70.46	
T200-PGC-3-SM	Class C Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$2,655.49	\$809.60	24.33	70.46	
T200-PGC-3-SM-500	Class C Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$1,593.29	\$971.52	11.66	70.46	
T200-PGC-13-SD	Class C Galvanized Paverslot Grate, 1 meter		39.37" (1000)	\$485.28	\$147.95	47.08	12.01	
T200-PGC-13-SD-500	Class C Galvanized Paverslot Grate, 1/2 meter		19.69" (500)	\$393.93	\$240.20	23.54	12.01	
T200-PGC-13-MU-500	Class C Galvanized Maintenance Unit Paverslot, 1/2 meter		19.69" (500)	\$566.87	\$345.65	43.78	6.01	
T200-PGC-3-SD	Class C Stainless Steel Paverslot Grate, 1 meter		39.37" (1000)	\$1034.05	\$315.26	47.08	12.01	
T200-PGC-3-SD-500	Class C Stainless Steel Paverslot Grate, 1/2 meter		19.69" (500)	\$777.95	\$474.36	23.54	12.01	
T200-PGC-3-MU-500	Class C Stainless Steel Maintenance Unit Paverslot, 1/2 meter		19.69" (500)	\$1,315.53	\$802.15	43.78	6.01	
T200-PGC-4	Class C Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$143.67	\$87.60	13.79	50.68	
T200-PGC-4-HP	Class C Ductile Iron Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$286.54	\$174.72	13.79	10.94	
T200-PGC-4-WVY	Class C Ductile Iron WAVE Grate, 1/2 meter		19.69" (500)	\$286.54	\$174.72	13.86	47.73	
T200-PGC-4-BG	Class C Ductile Iron Bavaria Grate, 1/2 meter		19.69" (500)	\$286.54	\$174.72	13.64	28.19	



**LOAD CLASS D GRATES - EN 1433 - 89,920 LBS., 400kN, 1856 P.S.I**

T200-SCD-4-PX	Class D Ductile Iron Solid Cover, 1/2 meter		19.69" (500)	\$246.00	\$150.00	26.00	-	
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**LOAD CLASS E GRATES - EN 1433 - 134,800 LBS., 600kN, 2,785 P.S.I.**

T200-PGE-4	Class E Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$246.98	\$150.60	19.25	51.20	
T200-PGE-4-13	Class E Galvanized Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$350.30	\$213.60	19.25	51.20	
T200-PGE-4-HP	Class E Ductile Iron Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$350.30	\$213.60	13.79	14.17	
T200-PGE-4-ADA	Class E Ductile Iron Longitudinal Grate, 1/2 meter		19.69" (500)	\$350.30	\$213.60	21.25	26.72	
T200-PGE-4-ADA-13	Class E Galvanized Ductile Iron Longitudinal Grate, 1/2 meter		19.69" (500)	\$579.33	\$353.25	21.25	26.72	
T200-PGE-4-ADA-ARRA	Class E Ductile iron Longitudinal Grate, 1/2 meter, <b>Made in USA</b>		19.69" (500)	\$474.30	\$337.60	21.25	26.72	
T200-PGE-4-ADA-13-ARRA	Class E Galvanized Ductile iron Longitudinal Grate, 1/2 meter, <b>Made in USA</b>		19.69" (500)	\$688.33	\$462.25	21.25	26.72	
T200-PGE-3-SBG	Class E Stainless Steel Bar Grate, 1 meter		39.37" (1000)	\$4278.92	\$1304.55	75.00	50.46	
T200-PGE-3-SBG-500	Class E Stainless Steel Bar Grate, 1/2 meter		19.69" (500)	\$2491.41	\$1,519.15	40.00	50.46	

**LOAD CLASS F GRATES - EN 1433 - 202,320 lbs., 900 Kn, 4,177 P.S.I.**

T200-PGF-4-B	Class F Ductile Iron 4 bolt slotted grate, 1/2 meter		19.69" (500)	\$370.97	\$226.20	22.00	48.30	
T200-PGF-4-B-13	Class F Galvanized Ductile Iron 4 bolt slotted grate, 1/2 meter		19.69" (500)	\$476.01	\$290.25	22.00	48.30	

 See page 18 for explanation of ADA compliant grates

 See page 18 for explanation of Heelproof compliant grates

 Black acid resistant epoxy coated ductile iron grates (-11B) are available.  
 Same price as the -13 grates.

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

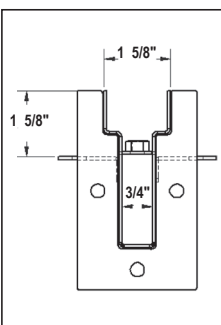
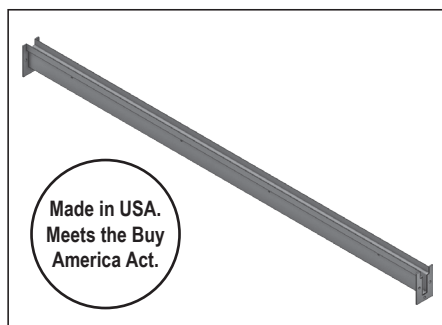
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# MIFAB® T5000-158 - 1 5/8" WIDE, 3 7/8" DEEP ALUMINUM CHANNELS

**TD-2026**

**SPECIFICATION:**

MIFAB® Series T5000-158, 1 5/8" wide, 3 7/8" deep, 40" long, non sloped channels. Body is manufactured from 14 gauge aluminum. Channels have flanged ends to connect to each other with a neoprene rubber gasket. End and bottom outlets are available in 2" no hub outlet connections and are fabricated as part of the trench drain system. Available with anchor flanges and membrane clamps as required.

MODEL NUMBER	Description	List Price, Per Foot
<b>T5000-158-PB</b>	1 5/8" wide, 3 7/8" deep, 14 gauge aluminum channel only	<b>\$557.75</b>

**Grates (all 40" long. One grate required per body section)**

Order Guide Suffix	Description	List Price, Per Foot, add prices below to channel price
<b>-PGA-AL</b>	Aluminum decorative slotted grate - Class A, 40" long	<b>\$147.50</b>
<b>-PGA-AW</b>	Aluminum wire grate - Class A, 40" long	<b>\$1010.75</b>
<b>-PGA-SS</b>	Stainless Steel, Decorative grate - Class A, 40" long	<b>\$433.50</b>
<b>-PGB-WW</b>	Stainless Steel, Wedgewire grate - Class A, 40" long	<b>\$433.50</b>

**End Caps / Outlets / Accessories**

Order Guide Suffix	Description	List Price, Each, Add
<b>-PEC</b>	Closed end cap	<b>\$289.00</b>
<b>-PEO2</b>	2" no hub end outlet	<b>\$253.00</b>
<b>-PBO2</b>	2" no hub bottom outlet	<b>\$253.00</b>
<b>MI-FLEX-200</b>	2" Flexible rubber coupling to connect 2" No Hub vertical and horizontal channel outlets to drainage pipe	<b>\$18.50</b>

MIFAB®'s Engineering team will produce a sign off drawing illustrating the T5000-158 trench drain system requested for customer sign off and then MIFAB® Customer Service quotation.

**Accessories and 45° and 90° Fabrications**

Order Guide Suffix	Description	List Price, Each, Add
<b>Standard</b>	5/16-18 x 2" Zinc Coated Bolts (2 per package) - for grate lockdown	<b>No Charge</b>
<b>-SSB</b>	5/16-18 x 2" Stainless Steel Bolts (2 per package) - for grate lockdown	<b>\$59.00</b>
<b>-PB-45-AL</b>	45° Channel Section with Aluminum decorative slotted grate	<b>\$730.00</b>
<b>-PB-90-AL</b>	90° Channel Section with Aluminum decorative slotted grate	<b>\$730.00</b>
<b>-PB-45-AW</b>	45° Channel Section with Aluminum wire grate	<b>\$942.50</b>
<b>-PB-90-AW</b>	90° Channel Section with Aluminum wire grate	<b>\$942.50</b>
<b>-PB-45-SS</b>	45° Channel Section with Stainless Steel Decorative grate	<b>\$808.00</b>
<b>-PB-90-SS</b>	90° Channel Section with Stainless Steel Decorative grate	<b>\$808.00</b>
<b>-PB-45-WW</b>	45° Channel Section with Stainless Steel Wedgewire grate	<b>\$771.00</b>
<b>-PB-90-WW</b>	90° Channel Section with Stainless Steel Wedgewire grate	<b>\$771.00</b>
<b>-TEE</b>	Tee Fabrication	<b>\$730.00</b>
<b>-CF</b>	Cross Fabrication	<b>\$1,472.25</b>
<b>-FLC</b>	Anchor flange and membrane clamps (2 - one for each side of the body) with hardware	<b>\$867.50 / 40" section</b>

The neoprene gasket used to connect long runs of trench drain bodies is not recommended for use with caustic or harsh chemicals. In these cases, it is recommended that the trench drain sections be welded on site.



SCAN FOR  
SPEC. SHEETS

**T5000-158-HDW - Universal gasket for between channels, end caps and end outlets with hardware included at no extra charge with every channel, end cap / end outlet ordered.**

Note: Custom designs are available. Contact MIFAB®

Go to [www.MIFAB.com](http://www.MIFAB.com) for the T5000-158 Cross Section detail and specification sheet.

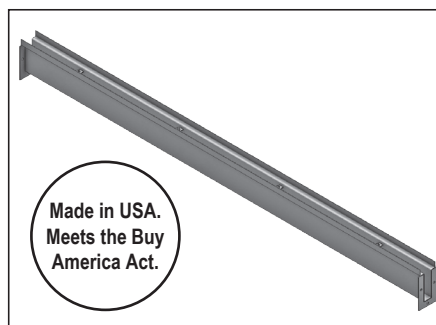
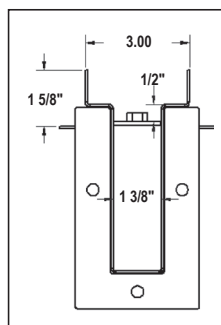
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



**SPECIFICATION:**

MIFAB® Series T5000-300, 3" wide, 5 7/8" deep, 40" long, non sloped channels. Channel is manufactured from 14 gauge aluminum. Channels have flanged ends to connect to each other with a neoprene rubber gasket. End and bottom outlets are available in 2" no hub outlet connections and are fabricated as part of the trench drain system. Available with anchor flanges and membrane clamps as required.

MODEL NUMBER	Description	List Price, Per Foot
T5000-300-PB	3" wide, 5 7/8" deep, 14 gauge aluminum channel only	\$702.50



Grates (all 40" long. One grate required per body section)		
Order Guide Suffix	Description	List Price, Per Foot, Add
-PGA-AL	Aluminum decorative slotted grate - Class A, 40" long	\$587.50
-PGA-AW	Aluminum wire grate - Class A, 40" long	\$1,248.25
-PGA-SS	Stainless Steel, Decorative grate - Class A, 40" long	\$433.50
-PGB-WW	Stainless Steel, Wedgewire grate - Class A, 40" long	\$513.75
End Caps / Outlets / Accessories		
Order Guide Suffix	Description	List Price, Each, Add
-PEC	Closed end cap	\$334.00
-PEO2	2" no hub end outlet	\$370.00
-PBO2	2" no hub bottom outlet	\$370.00
MI-FLEX-200	2" Flexible rubber coupling to connect 2" No Hub vertical and horizontal channel outlets to drainage pipe	\$18.50

MIFAB®'s Engineering team will produce a sign off drawing illustrating the T5000-300 trench drain system requested for customer sign off and then MIFAB® Customer Service quotation.

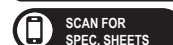
Accessories and 45° and 90° Degree Fabrications		
Order Guide Suffix	Description	List Price, Each, Add
Standard	5/16-18 x 2" Zinc Coated Bolts (2 per package) - for grate lockdown	No Charge
-SSB	5/16-18 x 2" Stainless Steel Bolts (2 per package) - for grate lockdown	\$59.00
-PB-45-AL	45° Channel Section with Aluminum decorative slotted grate	\$730.00
-PB-90-AL	90° Channel Section with Aluminum decorative slotted grate	\$730.00
-PB-45-AW	45° Channel Section with Aluminum wire grate	\$991.25
-PB-90-AW	90° Channel Section with Aluminum wire grate	\$991.25
-PB-45-SS	45° Channel Section with Stainless Steel Decorative grate	\$808.00
-PB-90-SS	90° Channel Section with Stainless Steel Decorative grate	\$808.00
-PB-45-WW	45° Channel Section with Stainless Steel Wedgewire grate	\$771.00
-PB-90-WW	90° Channel Section with Stainless Steel Wedgewire grate	\$771.00
-TEE	Tee Fabrication	\$730.00
-CF	Cross Fabrication	\$1,472.25
-FLC	Anchor flange and membrane clamps (2 - one for each side of the body)	\$867.50 / 40" section

The neoprene gasket used to connect long runs of trench drain bodies is not recommended for use with caustic or harsh chemicals. In these cases, it is recommended that the trench drain sections be welded on site.

**T5000-300-HDW - Universal neoprene gasket for between channels, end caps and end outlets with hardware included at no extra charge with every channel, end cap / end outlet ordered.**

Note: Custom designs are available. Contact MIFAB®

Go to [www.MIFAB.com](http://www.MIFAB.com) for the T5000-300 Cross Section detail & specification sheet.



CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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Made in USA.  
Meets the Buy  
America Act.

**SPECIFICATION:**

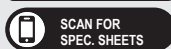
MIFAB® Series T4000-HDSC, (specify model number for required width and depth), 80" long, non sloped heavy duty utility chase trench system. Body is manufactured from 14 gauge steel and finished with an acid resistant powder epoxy coating. Each body has a 3" wide anchor flange on each side recessed 2 3/4" down from the top with securing holes 15" apart for #4 rebar tie down and leveling. Bodies have flanged ends to connect to each other with a neoprene rubber gasket. Covers are ductile iron for up to and including 12" internal widths and fabricated steel diamond plate for the larger widths.

Go to [www.MIFAB.com](http://www.MIFAB.com) for the T4000-HDSC Cross Section detail and specification sheet.

MODEL #	DESCRIPTION	LOAD CLASS	LIST PRICE, PER FOOT
T4000-HDSC-4-4	4" Internal Width Channel, Ductile Iron Cover	C	\$396.00
T4000-HDSC-8-4	8" Internal Width Channel, Ductile Iron Cover	C	\$503.00
T4000-HDSC-12-4	12" Internal Width Channel, Ductile Iron Cover	E	\$600.00
T4000-HDSC-18-13	18" Internal Width Channel, Galvanized Steel Diamond Plate Cover	C	\$805.00
T4000-HDSC-21-13	21" Internal Width Channel, Galvanized Steel Diamond Plate Cover	C	\$943.00

**Accessories and 45° and 90° Fabrications - for all Channel Sizes.**

Order Guide Suffix	Description	List Price, Each, Add
-PB-90	90° Channel with cover	\$943.00
-CUT	Cutting / per cut - Net Price only	\$491.00
-CF	Cross 4 way channel connection	\$1,875.00
-PEC	End Caps	\$352.00



**Note:** Specify the total length of the T4000-HDSC utility trench drain system required and design of the trench drain system (straight run only or straight runs with corners and turns).

MIFAB®'s Engineering team will produce a sign off drawing illustrating the T4000-HDSC utility trench drain system requested for customer sign off and then MIFAB® Customer Service quotation.

Note: Custom designs are available. Contact MIFAB®

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

## T2320-FL - 6 1/8" X 20" CAST IRON TRENCH DRAIN WITH ANCHOR FLANGE

ADD 1/16" TO HEIGHT FOR SS GRATE

STANDARD DUCTILE IRON GRATE (T1400-PG-4)  
SPECIAL DUTY LOAD RATED  
(OVER 10,000 LBS.)  
PER ASME STANDARD # A112.6.3-2001

FREE AREA IS 20in<sup>2</sup> PER FOOT

THREE HOLES TO CONNECT BODY  
SECTIONS TOGETHER WITH 5/16", HS-17  
HARDWARE PROVIDED

NEOPRENE SEALING  
GASKET  
(T2320-FL-GASK)  
CAST IRON END CAP  
(T2320-FLC-PE)

8mm  
GRATE SLOT

20"

6 1/8"

MEMBRANE  
CLAMP

2" WIDE  
ANCHOR FLANGE  
RECESSED  
2" FROM TOP

WEEPHOLES

LACQUERED CAST IRON  
BODY SECTION

OPTIONAL DOME STRAINER  
(A1-MB) (SUFFIX -5)

BOTTOM OUTLET  
SPECIFY TYPE  
AND SIZE



SCAN FOR  
SPEC. SHEETS

Custom fabricated  
trench drains are  
our specialty.  
Any custom  
configuration is  
possible.  
Contact MIFAB®.

MODEL #	SIZE	MATERIAL	FRAME MATERIAL	LIST PRICE
<b>T2322,3,4-FL-4</b>	6 1/8" x 20" section	Cast iron body, DI grate	Cast iron	<b>\$534.00 / 20"/section</b>
<b>T2322,3,4-FL-4-3</b>	6 1/8" x 20" section	Cast iron body, DI grate W/SS veneer	SS veneer	<b>\$1,198.50 / 20"/section</b>

T2320-FL OPTIONAL VARIATIONS				
Suffix	Description	List Price, Each, Add		
-5	Sediment bucket (per piece) (A1-MB)	<b>\$112.00</b>	-12	Galvanized grate (per 20" section) <b>\$215.75</b>
-6	Vandal proof grate (per grate) (TR30 Torx and pin) (H-1109A)	<b>\$89.00</b>	-13	All galvanized (per 20" section) <b>\$167.00</b>
-8	Backwater valve (per piece) (BV1254)	<b>\$146.50</b>	-C	Membrane clamp (per 20" section) <b>\$64.50</b>
-11	All acid resistant epoxy coated (per 20" section)	<b>\$208.25</b>	P	Push on bottom outlet (2", 3" or 4") <b>No Add</b>
			S	End outlet (4" No hub only) <b>\$117.75</b>
			T	Threaded bottom outlet (2", 3" or 4") <b>\$33.75</b>
			X	Inside caulk bottom outlet (2" or 3") <b>No Add</b>

## T2350-FL - 12 1/4" X 12" CAST IRON TRENCH DRAIN WITH ANCHOR FLANGE

ADD 3/16" TO HEIGHT FOR SS GRATE AND FRAME

STANDARD DUCTILE IRON HEELPROOF GRATE  
(1/4" MAXIMUM WIDTH SLOTS) (F1440-PG-4)  
SPECIAL DUTY LOAD RATED (OVER 10,000 LBS.)

FREE AREA IS 51in<sup>2</sup> PER GRATE

LACQUERED CAST IRON  
BODY SECTION

NEOPRENE SEALING GASKET  
(T2350-FL-GASK)

CAST IRON END CAP  
(T2350-FLC-PE)

13"

MEMBRANE  
CLAMP

2" WIDE ANCHOR  
FLANGE RECESSED  
2" FROM TOP

WEEPHOLES

OPTIONAL DOME STRAINER  
(SUFFIX - 20)

BOTTOM OUTLET  
(SPECIFY TYPE AND SIZE)

THREE HOLES TO CONNECT BODY  
SECTIONS TOGETHER



SCAN FOR  
SPEC. SHEETS

Custom fabricated  
trench drains are  
our specialty.  
Any custom  
configuration is  
possible.  
Contact MIFAB®.

MODEL #	SIZE	MATERIAL	FRAME MATERIAL	LIST PRICE
<b>T2352,3,4-FL-4</b>	12 1/4" x 12" section	Cast iron body, DI grate	Cast iron	<b>\$779.00 / 12"/section</b>
<b>T2352,3,4-FL-4-3</b>	12 1/4" x 12" section	Cast iron body, DI grate W/SS veneer	SS veneer	<b>\$1,218.75 / 12"/section</b>

T2350-FL OPTIONAL VARIATIONS				
Suffix	Description	List Price, Each, Add		
-5	Sediment bucket (per outlet section)	<b>\$215.75</b>	-13	All galvanized (per 12" section) <b>\$255.00</b>
-6	Vandal proof grate (per grate) (H-1072B) (lockdown grate to body)	<b>\$89.00</b>	-95	Client logo (-3 SS veneer only) <b>\$114.75</b>
-8	Backwater valve (per piece) (BV1254)	<b>\$146.50</b>	-20	Dome bottom outlet strainer (per piece) <b>\$360.25</b>
-11	All acid resistant epoxy coated (per 12" section)	<b>\$290.50</b>	-C	Membrane clamp (per foot) <b>\$64.50</b>
-12	Galvanized grate	<b>\$271.50</b>	P	Push on bottom outlet (2", 3" or 4") <b>No Add</b>
			S	End outlet (No Hub only, 4") <b>\$117.75</b>
			T	Threaded bottom outlet (2", 3" or 4") <b>\$33.75</b>
			X	Inside caulk bottom outlet (2" or 3") <b>No Add</b>

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## ACCESSORIES

**PLASTIC SEDIMENT BUCKETS ARE INCLUDED WITH EVERY CATCH BASIN**



**T1400-CB620-SB - 4"**  
internal width

List Price - \$279.50



**T2000-CB820-SB - 8"**  
internal width

List Price - \$375.00



**T3000-CB1220-SB - 12"**  
internal width

List Price - \$494.00



**T1400-SHV**  
Shovel head to clean out debris from channels

List Price - \$201.00



Grate lifting key  
**T100-KEY**

List Price - \$120.75

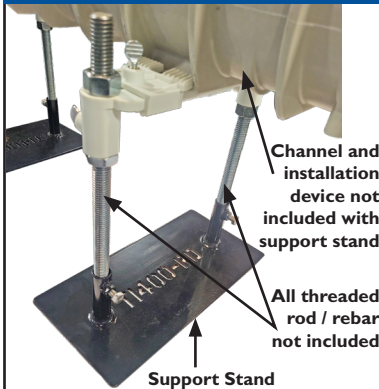
**ANTI-VANDALISM LOCKING DEVICE FOR ALL CLIPFIX GRATES**



<b>T100-VP</b> (4" internal width)	<b>\$30.00</b>
<b>T200-VP</b> (8" internal width)	<b>\$45.00</b>

(Two pieces required per meter)

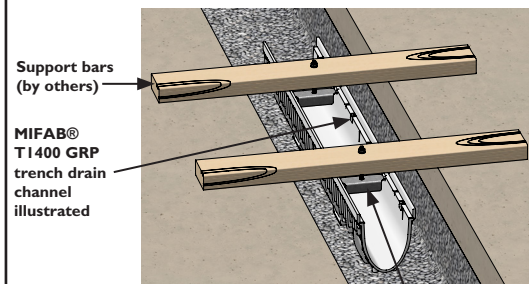
## POWDER COATED STEEL SUPPORT STANDS



MIFAB offers powder coated steel support stands that the installer can place rebar or all threaded rod through (by others) to connect with the MIFAB provided installation devices to support the suspended channel system. Ideal for installations where the ground is too hard or rocky to drive rebar or all threaded rod into the ground to support the trench system.

MODEL NUMBER	DESCRIPTION	LIST PRICE
<b>T1400-RD</b>	Support stand for T1400 Trench Systems	<b>\$131.25</b>
<b>T2000-RD</b>	Support stand for T2000 Trench Systems	<b>\$183.75</b>
<b>T3000-RD</b>	Support stand for T3000 Trench Systems	<b>\$236.25</b>

## SUSPENDED SLAB INSTALLATION

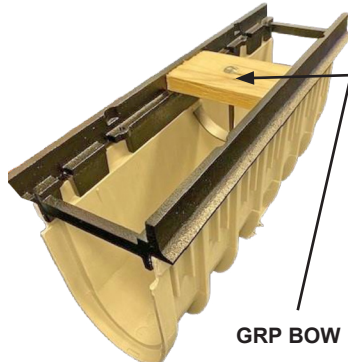


Brackets to bolt support bars for suspension of the trench drain channels within the slab. Available with T1400, T2000 and T3000 GRP channels.

Part #	List Price (Bag of two)
Part # <b>T1400-SUSP</b>	<b>\$26.75</b>
Part # <b>T2000-SUSP</b>	<b>\$29.50</b>
Part # <b>T3000-SUSP</b>	<b>\$32.25</b>

## T1400 / T2000 BOW

The ductile iron frame and the GRP channel (T1400 and T2000) is secured using the GRP Bow assembly. First push the "U" shaped metal piece into the channel below the locking point for the grate. Set the frame on top of the channel. Cut a small piece of lumber to fit into the grate seat. Drill a hole in the middle of the lumber. The bolt will pass through the lumber and screw into the thread within the metal piece inserted into the channel.

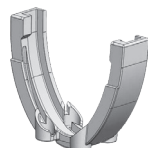



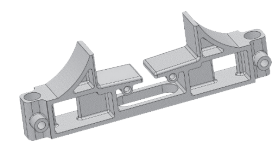


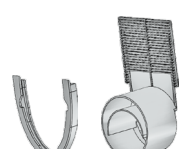




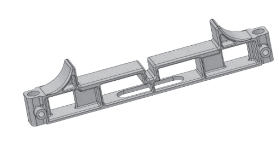
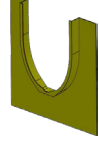

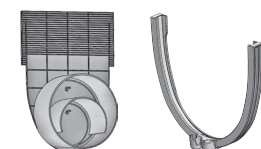
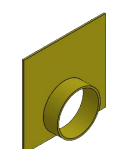





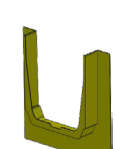
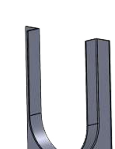


## ANTI-VANDALISM LOCKING DEVICE INSTALLATION INSTRUCTIONS



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 <p><b>T1400-PFMC</b> Female to male connector for T1400 channels (Supplied as standard with all T1400 channels)</p>	 <p><b>T1400-PMCC</b> Male to male connector for T1400 channels</p>	 <p><b>T1400-CB620-PEC</b> End cap for T1400-CB620 catch basin. Designed to work with any T1400 channel depth. Two supplied with each catch basin.</p>	 <p><b>T1400-PEC</b> End cap for T1400 female end channels</p>
 <p><b>T1400-CB620-REB</b> Installation device for the T1400-CB620 catch basin. Two supplied with each catch basin.</p>	 <p><b>T1400-CB2024-ADAPT</b> Adapter to receive T1400 channels into the 20" x 24" catch basin</p>	 <p><b>T1400-PBO3 / T1400-PBO4</b> 3" / 4" socket connection bottom outlet for T1400 channels</p>	 <p><b>T1400-PEO</b> 3" and 4" socket connection combination male end cap / end outlet, with connector for T1400 channels</p>
 <p><b>T2000-PFMC</b> Female to male connector for T2000 channels (Supplied as standard with all T1400 channels)</p>	 <p><b>T2000-PMCC</b> Male to male connector for T2000 channels</p>	 <p><b>T2000-CB820-PEC</b> End cap for T2000-CB820 catch basin. Designed to work with any T2000 channel depth. Two supplied with each catch basin.</p>	 <p><b>T2000-PEC</b> End cap for T2000 female end channels</p>
 <p><b>T2000-CB820-REB</b> Installation device for the T2000-CB820 catch basin. Two supplied with each catch basin.</p>	 <p><b>T2000-CB2024-ADAPT</b> Adapter to receive T2000 channels into the 20" x 24" catch basin</p>	 <p><b>T2000-PBO4 / T2000-PBO6</b> 4" / 6" socket connection bottom outlet for T2000 channels</p>	 <p><b>T2000-PEO</b> 4" and 6" socket connection combination male end cap / end outlet, with connector for T2000 channels</p>
 <p><b>T2000-CB2024-PEO</b> End outlet for the T2000-CB2024 catch basin. Available in 4", 6", 8", 10" or 12"</p>	 <p><b>T3000-PEO6, T3000-PEO8</b> No hub end outlet for T3000 channels. Available in 6" and 8"</p>	 <p><b>T3100-PEC</b> End cap for T3100 male end channels</p>	 <p><b>T3100-PECF</b> End cap for T3100 female end channels</p>
 <p><b>T3100-PEO6, 8, 10</b> 6", 8" or 10" No hub end outlet for T3100 channels</p>	 <p><b>T3100-PEIF6, 8 or 10</b> 6", 8" or 10" No Hub end Inlet for T3100 female end channels</p>	 <p><b>T3000-CB2024-ADAPT</b> Adapter to receive T3000 channels into the T3000-CB2024 catch basin</p>	 <p><b>T3100-CB-2024-ADAPT</b> Adapter to receive T3100 channels into the T3100-CB2024 catch basin</p>

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**NEUTRAL TRENCH DRAIN FLOW RATES VS. SLOPED TRENCH DRAIN FLOW RATES**

**Note: See page 41 for the comparison calculations.**

It has been the custom in the United States and Canada to specify trench drain systems that have sloped bodies. The reasoning is that sloped trench drains will provide a greater flow of water due to the sloped sections. Like many things in today's world, this custom has been accepted as the common practice. In contrast, for decades, engineers in Europe specify neutral trench drain systems as their standard design. This is because neutral trench drain systems perform comparably to sloped trench drain systems.

**The advantages for the engineer, building owner, contractor, and wholesaler to use neutral trench drain systems are:**

1. Faster delivery to the jobsite as fewer individual depths of trench drain bodies are needed.
2. Easier to install the channels when they are all neutrals.
3. Faster installation preparation because one depth trench drain body does not require complicated site organization.
4. Faster installation due to same height of the trench drain body. Often, sloped trench drain bodies are mixed on a pallet - requiring time to sort and identify them. This is not the case with neutral depth bodies.
5. Increased flexibility, because the contractor can easily increase the number of neutral trench drain bodies in order to extend the length of the run or if replacement channels are required. This is more difficult with sloped trench drain bodies.

**The flow rate of a trench drain is affected by three main factors:** invert depth of the bodies, internal width of the bodies, and length of the run. Trench drain bodies with a greater depth (assuming the width is the same) have more volume capacity and therefore a greater flow rate because the head pressure is greater when the water height is higher. Trench drain bodies that are wider than others have more volume capacity (assuming that the height of the water is the same) and as a result, a higher flow rate.

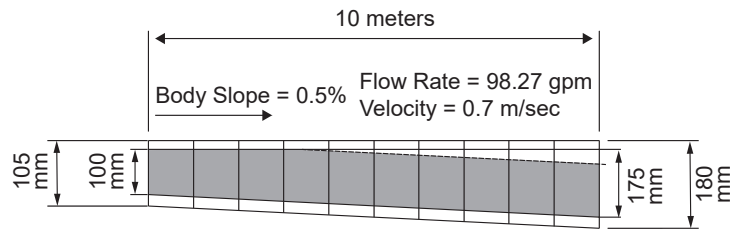
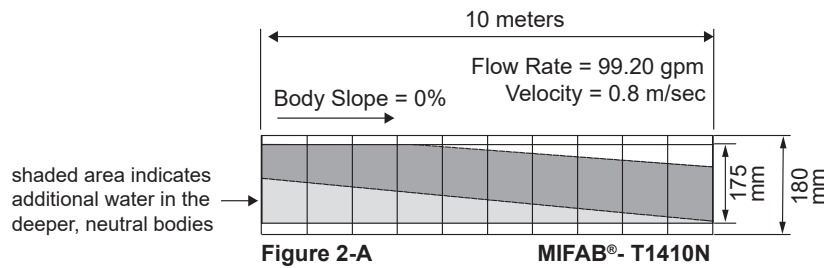
A typical sloped trench drain system (see Figures 1-A and 1-B in the adjacent page) starts off with a shallow sloped body section and ends with a deeper sloped body section. This means that the body depth is not consistent and the volume capacity of the sloped system is less than the volume capacity of a neutral system that has the same body depth throughout the run. (see Figures 2-A and 2-B in the adjacent page).

Figures 1-A and 1-B illustrate a typical sloped trench drain system with flow rates of 98.27 GPM in the 30 foot run and 142.60 GPM in the 60 foot run. Figures 2-A and 2-B illustrate the MIFAB® - T1420N neutral trench drain system with flow rates of 99.20 GPM in the 30 foot run and 149.80 GPM in the 60 foot run. Note that the ending body height in a typical sloped 30 foot trench drain system (7.68") is the same as all of the body heights in the MIFAB® - system (7.68") and the ending body height in a typical sloped trench drain system (9.65") is the same as all of the body heights in the MIFAB® - T1420N system (9.65").

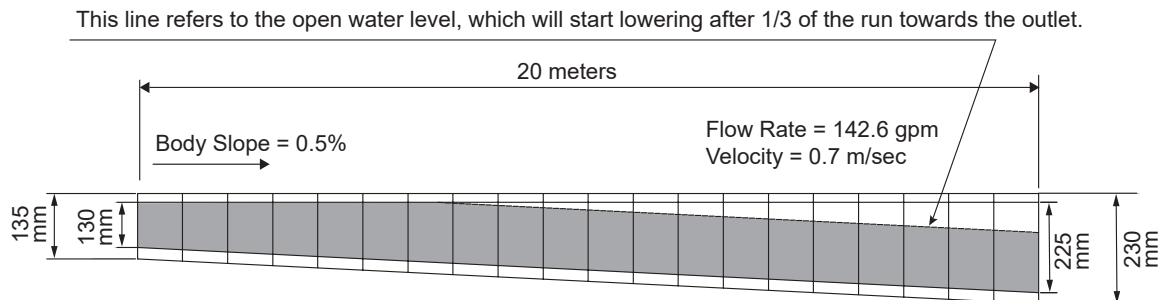
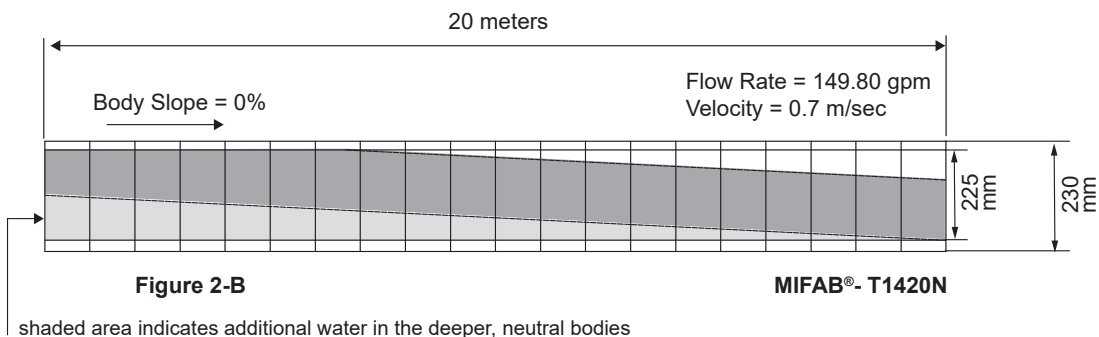
Therefore, take advantage of the easier installation of the MIFAB® - neutral trench drain systems instead of the industry standard sloped trench drain systems.

**Note, the deeper neutral bodies require extra excavation and concrete surround compared to a sloped channel system.**

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**FLOW RATE COMPARISON CALCULATION ACCORDING TO MANNING & STRICKLER**
**4" Internal Width Sloped vs. Neutral Flow Rate Comparison**

**Figure 1-A Typical Sloped Trench Drain from Others**


**Note, the deeper neutral bodies require extra excavation and concrete surround compared to a sloped channel system.**


**Figure 1-B Typical Sloped Trench Drain from Others**


**Note, the deeper neutral bodies require extra excavation and concrete surround compared to a sloped channel system.**

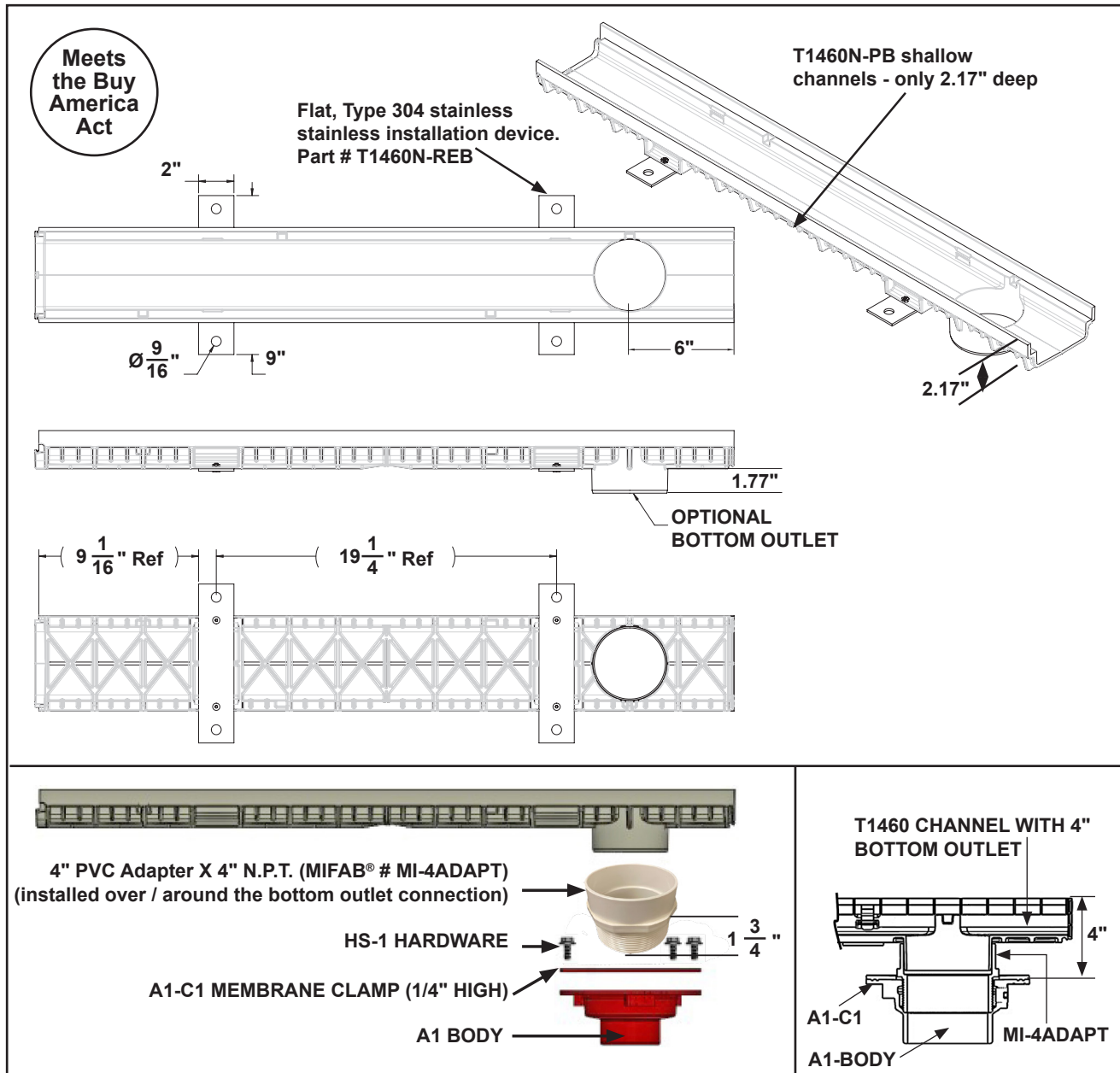
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**INSTALLATION DEVICE FOR SHALLOW T1460N AND T2060N CHANNELS**


MIFAB®'s T1460N Series of shallow, GRP trench drain channels are ideal for installation onto concrete decks. Their overall depth of 2.17" provides a lot of flexibility during installation. The T1460N-REB flat, Type 304 stainless steel installation devices are engineered to provide only 1/8" of an increase in overall height when installed on the underside of the T1460N channels. They are ideal to secure the T1460N channels into the concrete deck with anchors by others. This is to provide the minimum overall height as possible. MIFAB® also offers Type 304 stainless steel installation devices (only 1/8" high) for the T2060N-PB, 8" internal width shallow channels.

**List Price of T1460N-REB: \$24.50**

(two brackets included with mounting hardware)  
(Fitting of installation devices to channels by others)

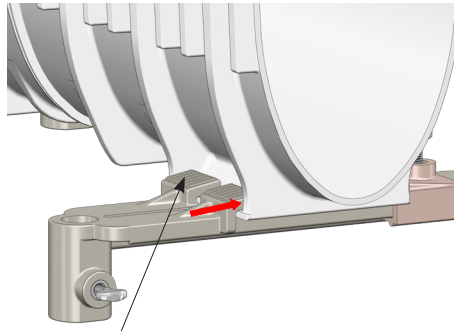
**List Price of T2060N-REB: \$36.00**

(two brackets included with mounting hardware)  
(Fitting of installation devices to channels by others)

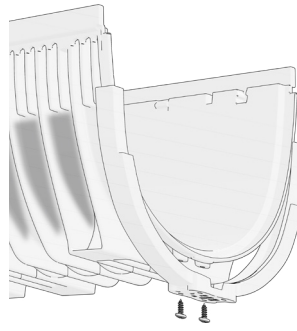
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## GRP TRENCH INSTALLATION GUIDE

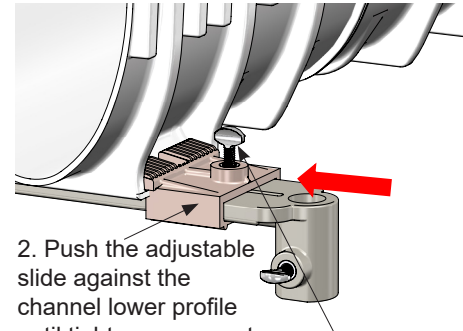
### INSTALLATION GUIDE



1. Ensure the installation device connects tightly to the channel.

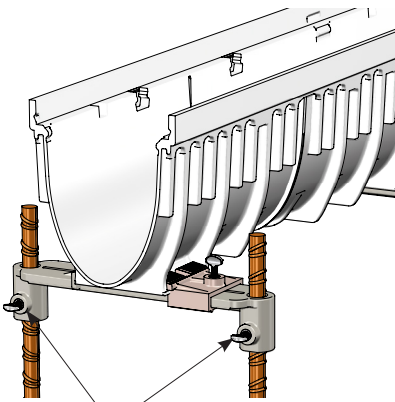


Ensure that the rebar installation devices and the female to male joint connector are placed on the channel before installation.



2. Push the adjustable slide against the channel lower profile until tight engagement.

3. Secure the adjustable slide position by tightening the wing nut.

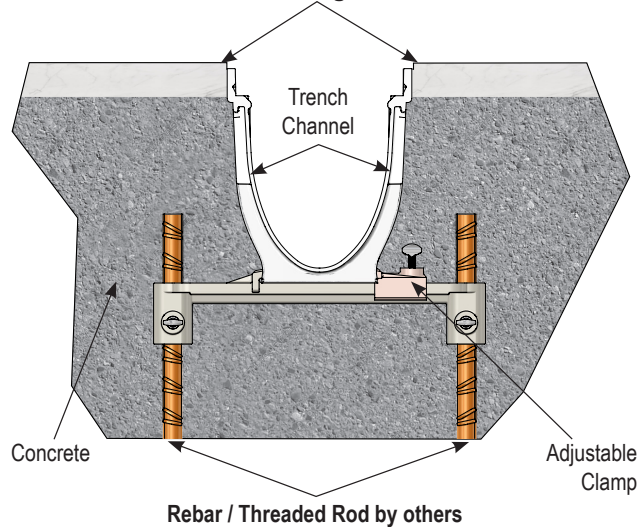


4. Adjust to desired height, secure the installation device by tightening the two wing nuts.



SCAN ME  
FOR  
INSTALLATION  
INSTRUCTIONS

Finished floor height to be 1/8" above the channel edge rail.



Concrete

Rebar / Threaded Rod by others

Adjustable  
Clamp

## POLYURETHANE SEALANT FOR GRP TRENCH DRAINS

MIFAB® recommends the use of a one component polyurethane product as a “sealant” between the channels if required by the engineer. It has expansive and contracting characteristics and is utilized in environments where those characteristics are desirable. The most prominent application for MIFAB® trench drains is when 2 channels are put together. There is an “indentation” or a groove between the two channels on the interior surface.

SikaFlex 1A and Sonneborn NP-1 are two acceptable sealant materials although there are other manufacturers of polyurethane sealant products that would also be accepted.

Do not use silicone and / or an adhesive (thin set glue) as a sealant with the MIFAB® trench drain channels.



**T1400-SIKA**  
**\$33.75 List Price**

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## GRATE LOAD CLASS DEFINITIONS

There are two main grate definitions in the trench drain industry to help engineers select the appropriate grate: **EN1433 / DIN19580** and **ANSI A112.21.1M** Standards.

<b>EN1433 / DIN19580</b>		
Grates shall be designed to meet the following loading classifications in a static condition.		
	<b>Load Class A</b>	Light Duty Grate design load up to or exceeding 3,372 lbs per foot. (15 kN). For pedestrian foot traffic only.
	<b>Load Class B</b>	Medium Duty Grate design load of at least 28,100 lbs per foot. (125 kN). For light pneumatic tire traffic only. Sidewalks and residential parking.
	<b>Load Class C</b>	Heavy Duty Grate design load of at least 56,200 lbs per foot. (250 kN). Commercial Applications.
	<b>Load Class D</b>	Grate design load of at least 89,920 lbs per foot. (400 kN). For pneumatic forklift traffic. Extra Heavy Duty. Roads and Highways. H-20 Load Rated.
	<b>Load Class E</b>	Grate design load of at least 134,800 lbs per foot. (600 kN). For Commercial Solid tire traffic patterns, and impacts from steel struts or metal wheels (forklifts). Extreme Heavy Duty.
	<b>Load Class F</b>	Grate design load of at least 202,320 lbs per foot. (900 kN). For airport traffic.

<b>ANSI A112.21.1M</b>		
Grates shall be designed to meet the following loading classifications in a static condition.		
	<b>Light Duty</b>	All grates having safe live load (as calculated in paragraph 6.1.6 of the ANSI Standard) under 2,000 lbs. (900 kg.) For pedestrian foot traffic only.
	<b>Medium Duty</b>	All grates having safe live load (as calculated in paragraph 6.1.6 of the ANSI Standard) between 2,000 lbs. (900 kg.) and 4,999 lbs. (2,250 kg.) For light pneumatic tire traffic only. Sidewalks and residential parking.
	<b>Heavy Duty</b>	All grates having safe live load (as calculated in paragraph 6.1.6 of the ANSI Standard) between 5,000 lbs. (2,250 kg.) and 7,499 lbs. (3,375 kg.) For Commercial Pneumatic tire traffic patterns and tractor trailers.
	<b>Extra Heavy Duty</b>	All grates having safe live load (as calculated in paragraph 6.1.6 of the ANSI Standard) between 7,500 lbs. (3,375 kg.) and 10,000 lbs. (4,500 kg.) For forklift traffic. Roads and Highways. H-20 Load Rated.
	<b>Special Duty</b>	All grates having safe live load (as calculated in paragraph 6.1.6 of the ANSI Standard) over 10,000 lbs. (4,500 kg.) For airport traffic.

## TRANSPORTATION CLASSIFICATIONS

- The American Association of State Highway and Transportation Officials' (AASHTO) "Standard Specification for Highway Bridges" defines H-20 loading as a two-axle truck with a maximum dual wheel load of 16,000 lbs. HS-20 loading is defined as a tractor truck with a tandem axle semi-trailer with a dual wheel load of 16,000 lbs.
- The FAA (Federal Aviation Administration) Advisory Circular AC 150/5320-6D describes aircraft loading as 100,000 lbs. placed over a 9" x 9" area.

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## CHEMICAL RESISTANCE CHART

Media	Temperature in Fahrenheit	Glass Fiber Reinforced Polyester (GRP)			
Acetone	RT	-	Linseed oil	RT	+
Battery acid (diluted sulphuric acid)	RT	+	Magnesium salts, aqueous Solution	RT	+
Formic acid 10 %	RT	+	Maleic acid, aqueous Solution	RT	+
Ammonia 5 % aqueous Solution	RT	-	Manganese salts, aqueous Solution	RT	+
Ammonia 25 % aqueous Solution	RT	-	Margarine	RT	+
Ammonium salts, aqueous Solution	RT	+	Engine oil	RT	+
Apple juice, aqueous Solution	RT	+	Sea water	RT	+
Malic acid	86	+	Sea water	140	-
Barium salts, aqueous Solution	RT	+	Milk	RT	+
Petrol, super and normal	RT	+	Lactic acid, aqueous Solution	RT	+
Benzene	RT	+	Mineral oils	RT	+
Succinic acid, aqueous Solution	RT	+	Mineral water	RT	+
Beer	RT	+	Sodium hydroxide 40 %	104	-
Blood	RT	+	Barium salts, aqueous Solution	RT	+
Boric acid	RT	+	Wetting and cleaning agents	RT	+
Brake fluid	RT	+	Octane	RT	+
Hydrogen bromide	RT	-	Octane	140	-
Butanol	RT	+	Oxalic acid, aqueous Solution	RT	+
Butyric acid	RT	+	Oxalic acid, aqueous Solution	140	-
Butyric acid	104	-	Oleic acid	RT	+
Butyl acetate	104	-	Parafin oil	RT	+
Calcium salts, aqueous Solution	RT	+	Perchloric acid	RT	-
Calcium hydroxide (lime milk)	RT	-	Petroleum ether	RT	+
Chlorine, gaseous, moist	RT	-	Kerosene	RT	+
Chlorinated lime, aqueous Solution	RT	-	Phosphoric acid 10 %	RT	+
Chlorinated water	RT	-	Phosphoric acid 10 %	140	-
Chromic acid 10 %	RT	+	Phosphoric acid 50 %	104	-
Cyclohexane	RT	+	Ricinus oil	RT	+
Diesel oil	RT	+	Crude oil	RT	+
Jet propellant	RT	+	Salicylic acid, aqueous Solution	RT	+
Iron salts, aqueous Solution	RT	+	Nitric acid 10 %	104	-
Developer	RT	-	Hydrochloric acid 20 %	104	-
Epoxy resins	RT	+	Greases	RT	+
Petroleum	RT	+	Sulphuric acid 30 %	RT	-
Soil, acidic and alkaline	RT	+	Silicone oil	RT	+
Acetic acid 10 %	RT	-	Tetrachloroethylene	RT	+
Acetic acid 10 %	140	-	Carbon tetrachloride	RT	-
Ethanol	RT	-	Thioglycolic acid	RT	-
Ethylbenzene	RT	+	Trichloroethylene	RT	-
Fatty acids (higher than C 12)	104	+	Detergent, commercially available 5%	RT	+
Fish oil	RT	+	Water dist.	RT	+
Fixing bath	RT	+	Water dist.	140	-
Formaldehyde, aqueous Solution	RT	+	Wine	RT	+
Fruit juices	RT	+	Zinc salts, aqueous Solution	RT	+
Glycol	RT	+	Tin salts, aqueous Solution	RT	+
Glycol (ethylene glycol)	RT	+	Citric acid, aqueous Solution	RT	+
Urea, aqueous Solution	RT	+	Citric acid, aqueous Solution	140	-
Fuel oil	RT	+	Sugar	RT	+
Humic acid	RT	+			
Isopropyl alcohol (2-propanol)	RT	+			
Potassium hydroxide solution 2.5 %	RT	-			
Potassium permanganate 6%	140	-			
Calcium salts, aqueous Solution	RT	+			
Silica hydrochloric acid	68	-			
Carbonic acid, aqueous Solution	RT	+			
Copper salts, aqueous Solution	RT	+			

+ = resistant

- = not rated.

RT = room temperature (70° F)

GRP = Glass Fiber Reinforced Polyester

**NOTE:** As all projects are different, chemical exposure needs to consider temperature and dilution rates.

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## **TRENCH DRAINS: FAQ'S COMMON QUESTIONS AND ANSWERS**

- **What is the purpose of the “gap” between the two GRP channels?**

This is a design improvement that meets the new ASME A112.6.8-2022 Standard and is in accordance with EN1433. MIFAB®'s GRP (Glass Re-enforced Polyester) products incorporate this “gap” which is intended to allow a joint sealant material (one component polyurethane is preferred material) to be placed if required by the design engineer.

Most often, in storm water applications, this gap is ignored and “dirt” fills the gap in a short period of time. The channels are always encased in concrete so it becomes a non-factor. Utilize the MIFAB® website for further explanation.

- **Where should you use a GRP trench drain instead of another material?**

GRP trenches are considered suitable for most applications. GRP will handle Load Classes A-E with a Galvanized or Stainless Steel rails and Class F with a Ductile Iron frame.

Typical applications include but are not limited to: Fire & Police stations, Car Dealerships, Parking lots, landscape areas etc.

- **When installing a GRP Trench, which end do you start from?**

Always start at the outlet end with the deepest channel or preferably a catch basin. The male/female profile is at the end of the channel (the male end is the deep end and the female end is the shallow end).

- **Do GRP Trenches require the same depth and width of concrete encasement as other Trench drain materials?**

All trench drains require a minimum (actual depth to be determined by engineers designing the surrounding concrete slab) of 4” on both sides and under the trench drain. Solid soil compaction needs to be achieved before concrete pour.

- **What is the temperature limit of GRP trenches?**

GRP is unique in that other materials that have a 140F to 180F limit and GRP will handle 212F continuous flow and 392F intermittent flow.

- **If a system seems to not be going together, what reasons could be considered?**

1. The channels are not in numerical sequence or...
2. The arrows showing direction of the intended flow are pointing away from the outlet position. This will give the impression (result) that every piece is out of tolerance by 5/16”. Turn each channel around so the arrows point toward the outlet to correct this.

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- **Should you put the grates in the channels when pouring the concrete surround?**  
The 4" internal width MIFAB® T1400 system is supplied with pour boards. These should be installed staggered in length so that the board spans the joints. Cut the first pour board to a length of .5 meters, then install full meter boards which will create an overlap of the board over 2 channels and spanning the joint. Plywood can also be utilized.
- **How do I connect a 4" bottom outlet to a 4" drainage pipe?**  
First, cut the bottom of the channel in the marked location using a hole saw, 4" angle grinder or any other suitable tool. Connect the supplied MIFAB® bottom outlet adaptor (T1400-PB04) with screws provided. This outlet will accommodate SDR35 and Schedule 40 pipe.
- **Should you install Trench Drains on dirt or road base (gravel)?**  
No. You should always install trench drain channels in a three sided concrete surround with a minimum concrete depth of 4". The actual depth is to be determined by engineers designing the concrete slab.
- **When do you use Catch Basins instead of end or bottom outlets?**  
Catch basins are always preferred if the depth allows for them. This is typical if the run is in one direction OR there are two runs meeting at a low point in the middle. The catch basin is supplied with a sediment bucket internally. This is preferred as that bucket will capture large debris so it cannot enter the piping system and cause clogging.
- **When and why do you lock down grates?**  
MIFAB® trench drains utilize the CLIPFIX or PROFIX locking mechanism that is integral to the grates. This helps prevent theft. Also, by locking the grates, extreme (Dynamic) loads are less inclined to affect the grates position and applies less stress to the complete system. A locked grate promotes longevity.
- **Should stainless steel grates be installed with a trench drain that has a galvanized rail?**  
This is never recommended as there is a chemical reaction between galvanized steel and stainless steel. There are frequent occasions where a Ductile Iron grate is utilized with a Galvanized rail, and this is both typical and acceptable.
- **What is the difference between a full depth expansion joint and a control joint?**  
A control joint is the shallow depth groove frequently tooled into a finished slab to a depth of .5 inches (approx.). The objective is to create a "weak" spot and the hope is that any cracking will occur at that location. An expansion joint is a full depth (from top to bottom of pour) that is designed to absorb horizontal expansion and contraction of the surrounding concrete pour.
- **Do neutral (non-sloping) channels drain water?**  
Yes, non-sloping channels do drain water. The rate of drainage may be slightly slower, but typically this is not an issue.

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**TOWN CENTRES AND PEDESTRIAN AREAS**

**PARKING SPACES**

**GARDENING AND LANDSCAPING**

**PARKING GARAGES**

**OFFICE PLAZA**

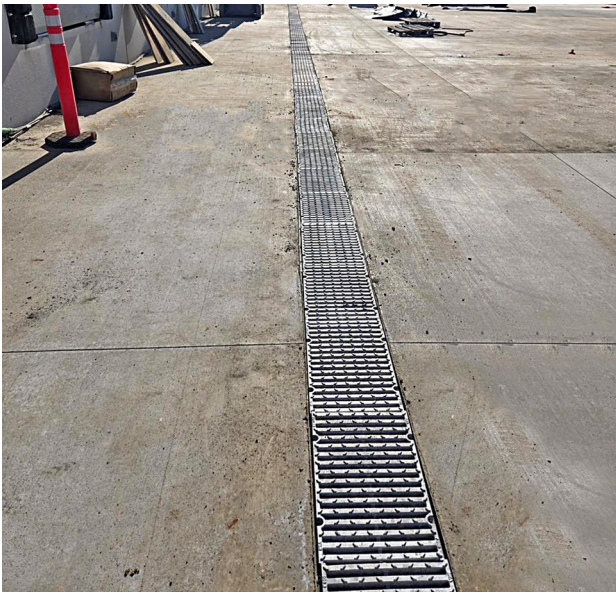
**INDUSTRY AND COMMERCE**

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## PROJECT REFERENCES


**WAREHOUSES**

**ROADWAYS**

**DATA CENTERS**

**PROMENADE AREAS**

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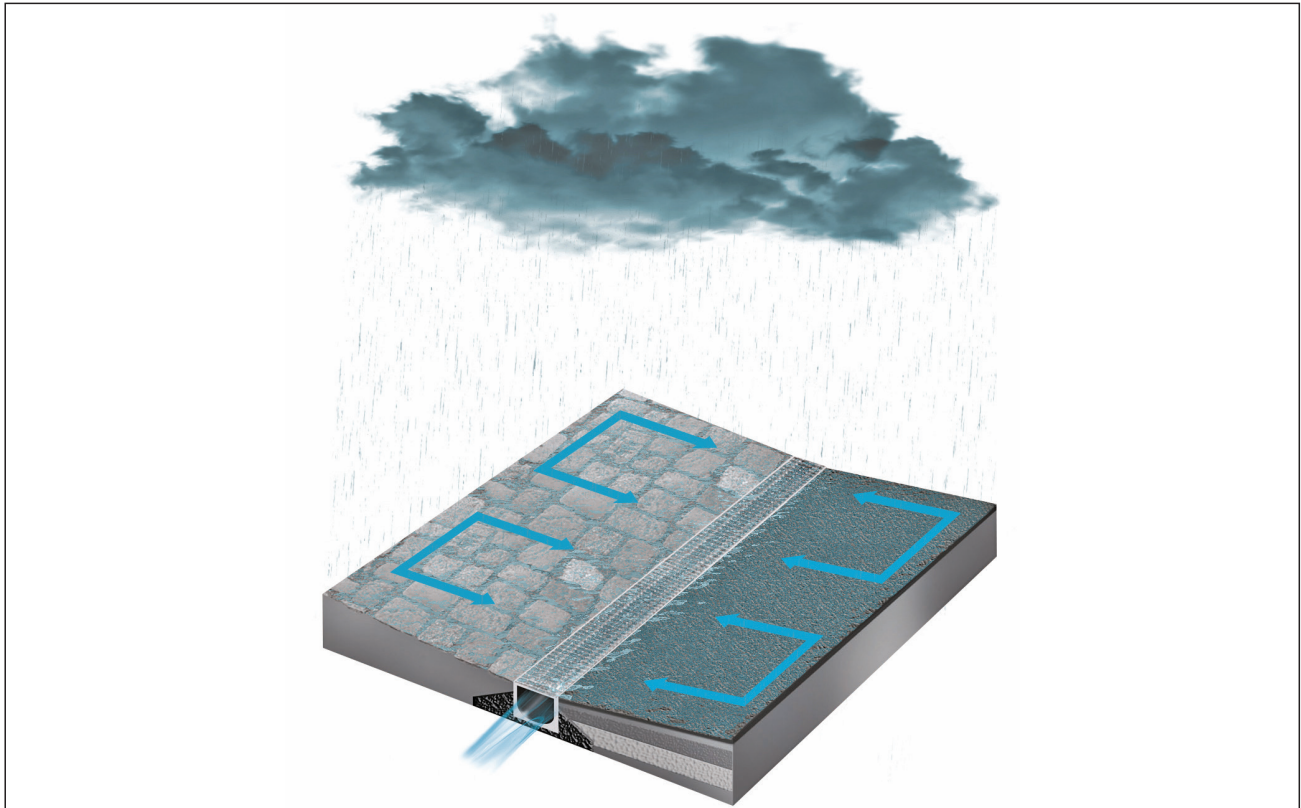
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## TYPICAL TRENCH DRAIN SIZING CONSIDERATIONS

**In order to size a trench drain system (length and width), the following information is required:**

1. Length of trench drain run (feet or meters)
2. Length and width of the surface area draining into the trench drain (feet or meters)
3. Surface area type - concrete, pavement, asphalt, etc.
4. Rainfall intensity (in/hr or mm/hr) of the area where the trench drain will be installed
5. Is any additional water being introduced onto the surface pavement or into the trench (i.e. downspouts from adjacent buildings ?)
6. Slope of the ground along the trench drain (%)
7. Perpendicular approach slopes to the trench drain (%)
8. Location of and number of outlets along the trench drain run
9. Any trench drain depth restrictions



**Please contact MIFAB®'s Engineering Department at [sales@MIFAB.com](mailto:sales@MIFAB.com) for help to design your next trench drain project.**

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**CROSS REFERENCE GUIDE**

MIFAB®	ZURN	PAGE NO.
T1400-F	Z706	(page 30)
T2000-F	Z712	(page 30)
Contact MIFAB®	Z717	-
Contact MIFAB®	Z723	-
Contact MIFAB®	Z726	-
T1400	Z806	(pages 12 - 15)
T1400	ZF806	(pages 12 - 15)
T2000	Z812	(pages 19 - 22)
T2000	ZF812	(pages 19 - 22)
T1400-CB620	Z817 - 6" x 20"	(page 19)
T2000-CB820	Z817 - 12" x 24"	(page 17)
T2000-CB2024	Z817 - 24" x 24"	(page 24)
T1400-CB620	ZF817 - 6" x 20"	(page 13)
T2000-CB820	ZF817 - 12" x 24"	(page 19)
T2000-CB2024	ZF817 - 24" x 24"	(page 24)
T3000 T3100	Z874-12	(pages 22 - 25) (page 26)
Contact MIFAB®	Z874-18	-
Contact MIFAB®	Z874-21	-
T4000-HDSC	Z874-U-XX-LDRA	(page 38)
T4000-HDSC	Z874-U-XX-LDRS	(page 38)

MIFAB®	ZURN	PAGE NO.
T4000-HDSC-4	Z874-U-XX-HD	(page 38)
T250	Z880	(page 31)
T5000-158	ZA880-156	(page 36)
T5000-300	ZA880-300A	(page 37)
T5000-300	ZA880-300B	(page 37)
T5000-300	ZA880-340	(page 37)
T2000	Z882	(pages 19 - 22)
T1460	Z883	(page 13)
T300	Z884	(page 16 - 17)
T1400	Z886	(pages 12 - 15)
T1400-CB620	Z887 - 6" x 20"	(page 13)
T2000-CB820	Z887 - 12" x 24"	(page 19)
T2000-CB2024	Z887 - 24" x 24"	(page 24)
MIFAB®	JR Smith	PAGE NO.
T1460	9930	(page 13)
T1400	9930/ 9940	(pages 12 - 15)
T1400	9940	(pages 12 - 15)
T2000	9960	(pages 19 - 22)
T2000	9812	(pages 19 - 22)

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sales@mifab.com Canada Toll Free: 1-800-387-3880

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All sales subject to MIFAB's Terms and Warranties, please refer to page no. 54.



## TERMS AND WARRANTIES

### WHOLESALE DISCOUNT:

Contact MIFAB® or your local representative for your applicable discount structure.

**PLUMBING WHOLESALE FREIGHT ALLOWANCE:** Ex Works, MIFAB®'s Chicago, Illinois Factory or Manufacturer Representative's warehouse with full motor freight allowed on shipments of \$5000.00 Net or more, within the continental U.S.A. and Canada, except Alaska, Hawaii and Puerto Rico. For Alaska, full motor freight is allowed on shipments of \$10,000.00 Net or more. MIFAB® reserves the right to choose the carrier and route of shipment. Shipping dates are estimates and time of delivery is not the essence of the sale of the contract. Therefore, under no circumstances will MIFAB® have any responsibility on account of any delays in manufacture, transportation, or otherwise. Additional freight services such as construction site delivery, lift gate delivery service, re-consigned freight or notification charges, are not included in full freight allowance terms, and will result in additional freight charges.

**QUOTATION TERMS:** List Price and discount protected for 30 days from date issued by MIFAB®. Orders received within this period must be released for shipment within 30 days from date of purchase order, otherwise, prices will be those that are in effect at the time of shipment.

**PAYMENT TERMS:** Terms of payment are Net 30 days from the date of the invoice. All pricing in United States currency except for sales to Canadian customers which are priced in Canadian dollars. The Buyer shall pay all sales, consumers, and / or any other applicable taxes. Past due accounts will be subject to a 2% per month service charge from the date of the invoice. If any proceedings be instructed by or against Buyer under any bankruptcy or insolvency law, or if Buyer shall fail to make timely payment on this or any other order, or if, in MIFAB®'s judgment, Buyer's financial situation justifies such action, MIFAB® may, at its election, require payment in advance or cancel the order as to any unshipped item and require payment of its reasonable cancellation charges. If Buyer delays completion of manufacture, MIFAB® may elect to require payment according to percentage of completion. Equipment held for Buyer shall be at Buyer's risk and expense. In all cases, regardless of partial payment, title to the Products shall remain with MIFAB® until payment for the Products (including any notes given therefore) has been made in full. Should legal action be necessary to enforce payment of an unpaid invoice, the Buyer will assume full responsibility for any court costs and reasonable attorney fees. All orders subject to credit check and approval prior to shipment. Confirmed irrevocable letter of credit or cash in advance of shipment is required for accounts without an established line of credit. Minimum invoice amount is \$100.00. MIFAB® reserves the right to apply a minimum order charge to equal \$100.00. MIFAB®'s Accounting Department must be notified of potential pricing errors within 30 days of the invoice date. Any terms and conditions stated on Buyer's orders which are inconsistent with MIFAB®'s quotation and Terms and Warranties shall be of no effect.

**RETURNED GOODS RESTOCKING CHARGE:** Standard product may be returned within a one year period only with written permission from MIFAB®. All products in catalog are not considered Standard. Standard product to be determined by MIFAB®. Returned goods are subject to a 25% restocking charge, plus cost of reconditioning, if necessary, to make material saleable. Material must be returned to MIFAB® freight prepaid only after written permission from MIFAB® to accept the returned material. Buyer must provide copy of the original invoice on which the material was charged. The original outgoing freight cost to ship the order will be deducted from the credit. Credit allowance will be in the form of merchandise credit only-not cash credit which must be used within 12 months of the date of issue. The value of a return must total \$100.00 to qualify for credit allowance. No credit will be allowed for discontinued, or made to order items. Products designated non stock and / or that have been specially made are not subject to return or cancellation.

**LIMITED WARRANTY:** MIFAB® warrants each product against defects in material and workmanship for a period of one year from the date of original shipment. In the event of such defects within the warranty period, MIFAB® will, at its option, replace or recondition the product without charge. This shall constitute the exclusive remedy for breach of warranty, and MIFAB® shall not be responsible for any incidental or consequential damages, including, without limitation, damages or other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemicals, or any other circumstances over which MIFAB® has no control. This warranty shall be invalidated by any abuse, misuse, misapplication or improper installation of the product.

**MIFAB® MAKES NO OTHER WARRANTIES EXPRESSED OR IMPLIED AS PROVIDED IN THIS LIMITED WARRANTY.**

**ILLUSTRATIONS OR TYPICAL INSTALLATIONS:** The typical installations for various products in each product section are intended to illustrate the products and their options. Under no circumstances are they to be construed as recommended installation procedures. Consult local codes and project specifications for proper installation instructions.

**ALL SALES SUBJECT TO MIFAB®'s TERMS And WARRANTIES.**

**NOTE:** Prices and terms are subject to change without notice and supersede all previous quotations. The right is reserved to change or modify product design or construction without prior notice and without incurring any obligation to make similar changes and modifications to product previously or subsequently sold. Contact MIFAB® for any clarification.

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## MIFAB CATALOGS



**MPB-2025-04-USA**  
**SPECIFICATION DRAINAGE**  
**PRODUCTS**  
**(LIT-067)**



**CLPB-2025-04**  
**LIGHT COMMERCIAL**  
**PRODUCTS**  
**(LIT-048)**



**AD-2026-USA**  
**ACCESS DOORS**  
**(LIT-043)**



**BEECO-2026**  
**BACKFLOW PREVENTERS,**  
**AND ACCESSORIES**  
**(LIT-071)**



**NH-2025**  
**NO HUB COUPLINGS**  
**(LIT-044)**



**TPDC-2026**  
**POLYMER CONCRETE**  
**TRENCH DRAINS**  
**(LIT-076)**



**TD-2026**  
**GRP AND STEEL**  
**TRENCH DRAINS**  
**(LIT-046)**



**TDSD-2026**  
**SHOWER DRAINS**  
**(LIT-077)**



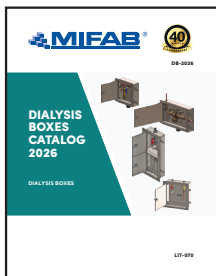
**TDSS-2026**  
**STAINLESS STEEL**  
**TRENCH DRAINS**  
**(LIT-072)**



**2020**  
**ROOFGUARD**  
**CATALOG**  
**"UNLOGGABLE" ROOF DRAIN DOMES**  
**(LIT-058)**



**C-PORT-2026**  
**ROOFTOP RUBBER**  
**PIPE SUPPORTS**  
**(LIT-047)**



**DB-2026**  
**DIALYSIS BOXES**  
**(LIT-070)**



**HYDROMAX-2020**  
**SIPHONIC DRAINAGE**  
**(LIT-082)**



**INT-2026**  
**INTERCEPTORS & ACID**  
**NEUTRALIZATION TANKS**  
**(LIT-095)**



**TSP-2025**  
**TRAP SEAL PRIMERS**  
**(LIT-062)**



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sales@mifab.com Canada Toll Free: 1-800-387-3880

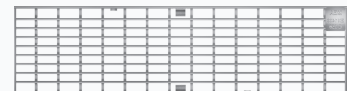
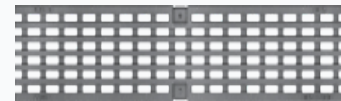
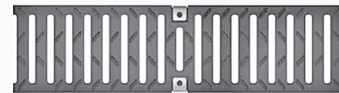
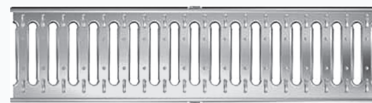
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**TD-2026**

# **GRP & STEEL** TRENCH DRAIN SYSTEMS **CATALOG** **2026**

**GRP & STEEL TRENCH  
DRAIN PRODUCTS**



**2", 4", 8", 12" INTERNAL WIDTHS - SHALLOW CHANNELS - CATCH BASINS  
(3", 6", 10" AND 14" OVERALL WIDTHS)**

**LIT-046**