

Location: \_\_\_\_\_

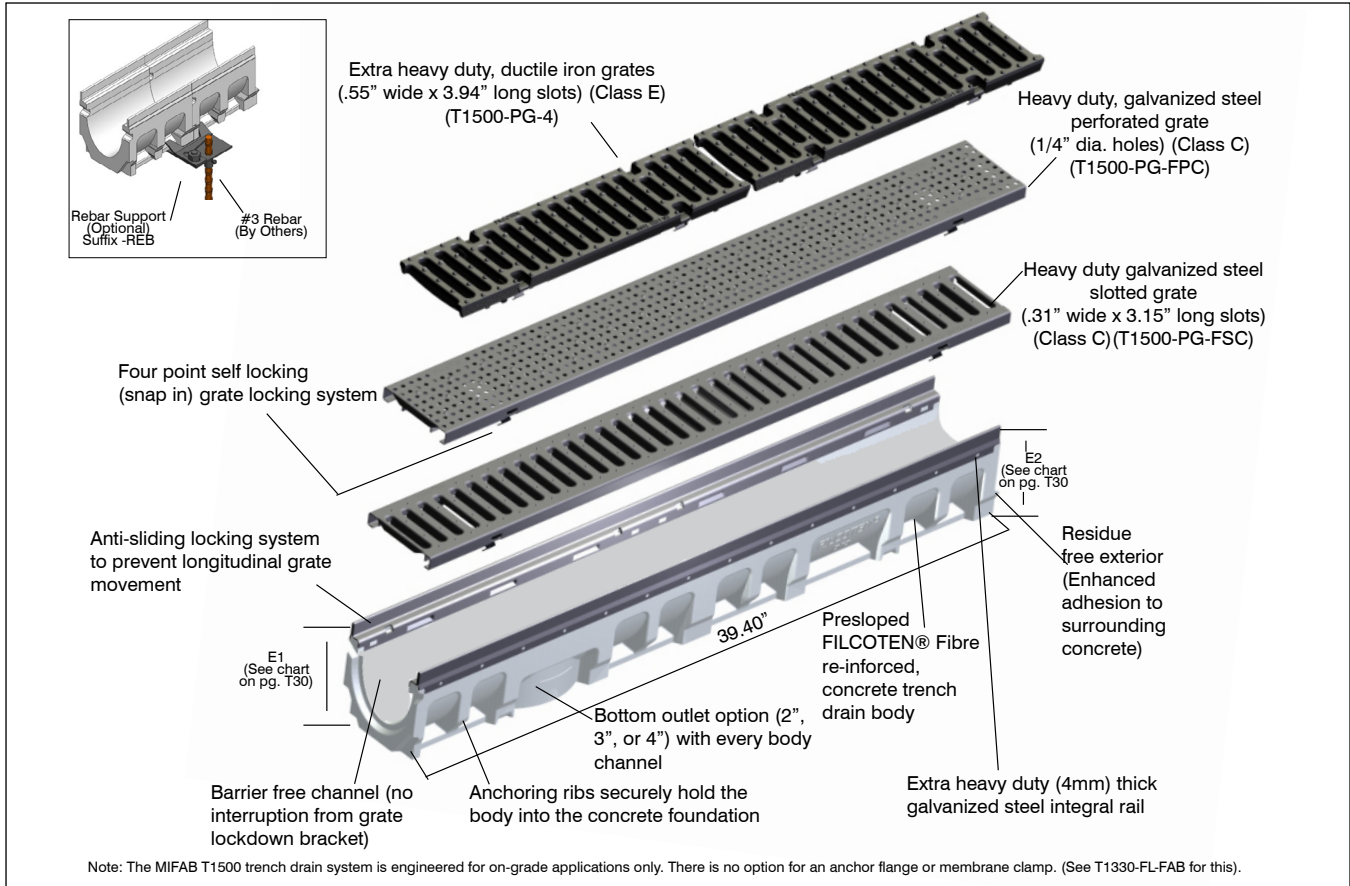


# T1500

**6" WIDE, PRESLOPED, FILCOTEN® FIBRE RE-INFORCED, CONCRETE TRENCH DRAIN WITH INTEGRAL STEEL RAIL AND GRATE SYSTEM**

**Specification:** MIFAB® Series T1500, 6" wide, 39.40" long, pre-sloped (0.5%) or neutral FILCOTEN® trench drain system. Body is manufactured from a fibre-reinforced concrete based material. Bodies have interlocking ends, a radiused bottom for efficient liquid drainage and multiple anchoring ribs to securely hold the body into the concrete foundation. Each body is manufactured with an integral 4mm thick, extra heavy duty, galvanized steel rail. End and bottom outlets are available in 2", 3" or 4" no hub outlet connections (specify outlet size). Grate options include extra heavy duty ductile iron (Load Class E) and slotted and perforated heavy duty galvanized steel (Load Class C). Grates are secured to the body with a four point self-locking system. End caps and catch basins are also available (See T1500-CB620).

**Function:** Used in commercial areas such as factories, warehouses, parking garages, car dealerships, gas stations, public and residential areas, parks, sports complexes, town squares, railway stations and cycle and foot paths. Ideal for environmentally sensitive areas because the body channels are free of resins, heavy metals, VOC and all chemicals. Exceptional adhesion to surrounding concrete foundation due to the concrete composition of the body channels – resulting in a monolithic all concrete installation. Less breakage during transport and installation due to impact resistant, fibre-reinforced, UV resistant concrete material. Extra heavy duty integral galvanized steel rail allows for heavy duty, hard wheel traffic applications.



T1500-PBO2, 3, or 4  
No Hub Bottom Outlet (2", 3" or 4")  
(specify outlet size)



T1500-PEO2, 3 or 4  
No Hub End Outlet (2", 3" or 4")  
(specify outlet size)



T1500-PEC  
End Cap

Job Name: \_\_\_\_\_

Page No: \_\_\_\_\_

Section No: \_\_\_\_\_

Contractor: \_\_\_\_\_

Schedule No: \_\_\_\_\_

Purchase Order No: \_\_\_\_\_

Location: \_\_\_\_\_



**T1500**

**6" WIDE, PRESLOPED, FILCOTEN® FIBRE RE-INFORCED, CONCRETE TRENCH DRAIN WITH INTEGRAL STEEL RAIL AND GRATE SYSTEM**

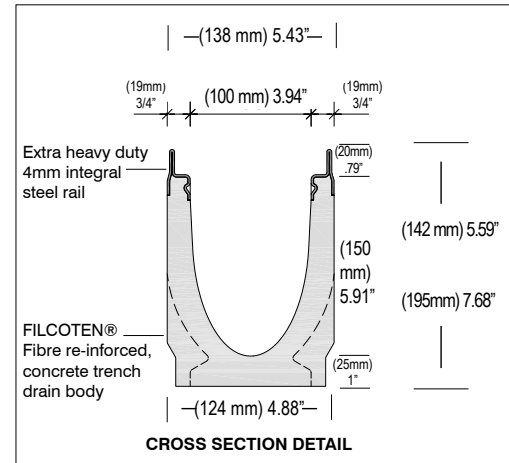
Body Part Number	Overall Body Depth		Maximum Flow Rate			Weight (Less Grate)	
	E1 (Min.)	E2 (Max.)	GPM Gallons per Minute	LPS Litres per Second	CFS Cubic Feet per Second	Lbs.	Kg.
T1500N*	5.59" (142 mm)	5.59" (142 mm)	51	3.22	0.111	33.80	17.60
T1501	5.71" (145 mm)	5.91" (150 mm)	58	3.69	0.127	39.90	18.10
T1502	5.91" (150 mm)	6.10" (155 mm)	63	3.95	0.136	40.79	18.50
T1503	6.10" (155 mm)	6.30" (160 mm)	67	4.21	0.145	41.67	18.90
T1504	6.30" (160 mm)	6.50" (165 mm)	71	4.48	0.154	42.55	19.30
T1505	6.50" (165 mm)	6.69" (170 mm)	75	4.75	0.164	43.43	19.70
T1505N*	6.69" (170 mm)	6.69" (170 mm)	84	5.32	0.183	43.87	19.90
T1506	6.69" (170 mm)	6.89" (175 mm)	80	5.02	0.173	44.31	20.10
T1507	6.89" (175 mm)	7.09" (180 mm)	84	5.29	0.182	45.19	20.50
T1508	7.09" (180 mm)	7.28" (185 mm)	88	5.56	0.191	46.08	20.90
T1509	7.28" (185 mm)	7.48" (190 mm)	92	5.83	0.201	46.96	21.30
T1510	7.48" (190 mm)	7.68" (195 mm)	97	6.11	0.210	47.84	21.70
T1510N*	7.68" (195 mm)	7.68" (195 mm)	119	7.52	0.259	51.81	23.50
T1520N	9.64" (245 mm)	9.64" (245 mm)	127	9.60	0.339	65.91	29.90

All calculations based on formula of PRANDTL/ COLEBROOK. \*Capacity with neutral channel trench of 10m

**Load Class Definition:** Load Class C- Heavy Duty, DIN 19580, 56,000 lbs., 1,162 psi. For commercial pneumatic tire traffic patterns and tractor trailers.

Load Class E- Extra Heavy Duty, DIN 19580, 135,000 lbs., 2,788 psi. For commercial solid tire traffic patterns, and impacts from steel struts or metal wheels.

Half-metre body sections are available. Contact your MIFAB representative for more information. Note: For catch basins, see the T1500-CB620 specification sheet.



Suffix	Description
-4	Ductile Iron, Extra Heavy Duty, Slotted grate - Class E, 1/2 Meter long
-4-13	Galvanized, Ductile Iron, Extra Heavy Duty, Slotted grate - Class E, 1/2 Meter long
-7MG	MI-GARD trap seal protection device (available for 1-1/2", 2", 3", 3-1/2", 4" and 6" outlet connections)
-4-ADA	Ductile Iron, Extra Heavy Duty, Longitudinal Slotted grate - Class C, 1/2 Meter long
-4-13-ADA	Galvanized, Ductile Iron, Extra Heavy Duty, Longitudinal Slotted grate - Class C, 1/2 Meter long

Note: All grates are made with a four point (snap in) grate locking system.

Fabricated Grates	
-7MG	MI-GARD trap seal protection device (available for 1-1/2", 2", 3", 3-1/2", 4" and 6" outlet connections)
-FSC	Galvanized Steel, Fabricated Reinforced Slotted grate - Class C, 1 Meter long
-FSC-500	Galvanized Steel, Fabricated Reinforced Slotted grate - Class C, 1/2 Meter long
-FPC	Galvanized Steel, Fabricated Reinforced Perforated grate - Class C, 1 Meter long
-FPC-500	Galvanized Steel, Fabricated Reinforced Perforated grate - Class C, 1/2 Meter long
-PGC	ADA Heelproof, COMBee composite, perforated grate - Class C, 1/2 Meter long
-FMC-500	ADA Heelproof, Galvanized Steel, longitudinal slotted mesh grate - Class C, 1/2 Meter long
-FMC	ADA Heelproof, Galvanized Steel, longitudinal slotted mesh grate - Class C, 1 meter long

Note: All grates are made with a four point (snap in) grate locking system

End caps / outlets / accessories	
-PBDS	Bottom Dome Strainer
-PBO2	2" No Hub Bottom Outlet
-PBO3	3" No Hub Bottom Outlet

-PBO4	4" No Hub Bottom Outlet
-PEC	Closed End Cap
Outlets and Accessories	
-PEO2	2" no hub end outlet (PVC material)
-PEO3	3" no hub end outlet (PVC material)
-PEO4	4" no hub end outlet (PVC material)
-6	Vandal proof grate lockdown (stainless steel) (Not for perforated grates) (per grate)
-REB	Rebar support (for each joint connection)
Fabrications	
-CUT	Cutting / per cut - Net Price only
-TEE	Fabricated tee (available in T1500N-TEE, T1505N-TEE, T1510N-TEE models)
-45	45 degree body section
-90	90 degree body section

Note: The FILCOTEN fibre re-enforced concrete trench drain systems are also available in 8" widths (T1700 Series), 12" widths (T1800 Series) and a shallow (2.36" deep) 6" width (T1560 Series). See the FILCOTEN booklet or the www.mifab.com website for more information.



Job Name: _____	Page No: _____
Section No: _____	Contractor: _____
Schedule No: _____	Purchase Order No: _____