

BURY DEPTH ADVANTAGE

MIFAB®'s BIG and SuperMax HDPE interceptors are designed and manufactured with structural ribs to give them the capability to withstand earth load forces when installations require interceptors to be buried deep into the ground.

In accordance with IAPMO/ANSI Z1001-2014 (Section 4.3.2) regarding the structural loading of exterior walls for prefabricated gravity grease interceptors, the following models of MIFAB® grease interceptor: are capable of withstanding external earth loads equivalent to pressure exerted by a fluid with a density of 480 kg/m³ (30lb/ft³). The MIFAB® grease interceptors are capable of withstanding earth loads at the max bury depth listed in the following table, assuming the aforementioned density and including a safety factor of 1.5. The max bury depth is measured from the top of the soil to the bottom of the interceptor.

MIFAB® Model #	External Hydrostatic Pressure (lb/ft ²)	Max Bury Depth (ft)*
BIG-500	600	20
BIG-750	540	18
BIG-1150	310	10
SUPER-500	510	17
SUPER-750	490	16
SUPER-1000	490	16
SUPER-1250	480	16
SUPER-1300	480	16
SUPER-1500	400	13
SUPER-2000	350	10

*From the top of the soil to the bottom of the grease interceptor