

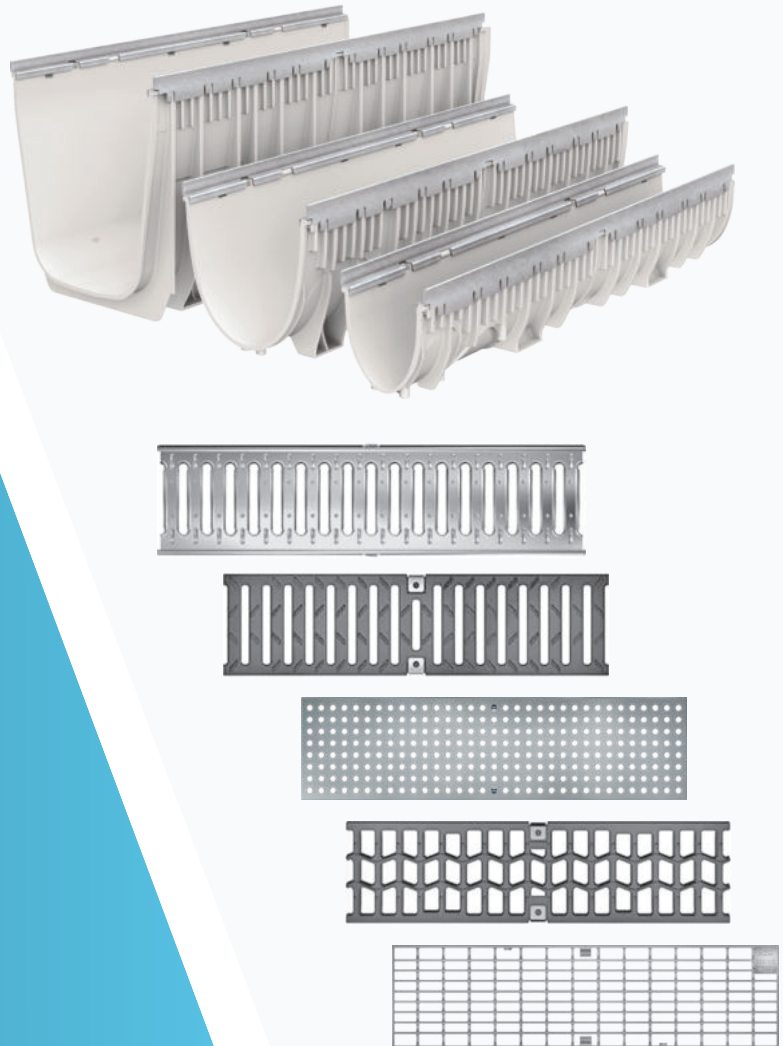


TD-2023

2023

GRP & STEEL TRENCH DRAIN SYSTEMS CATALOG

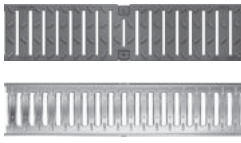
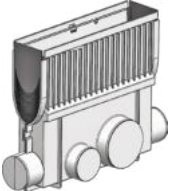
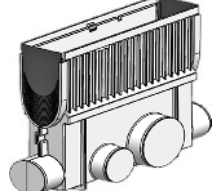
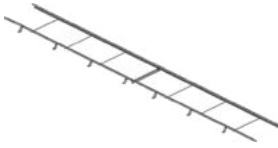
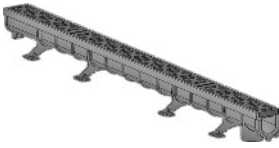
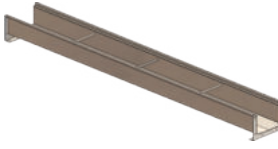
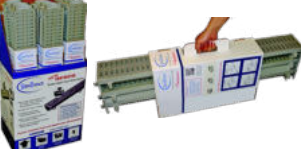
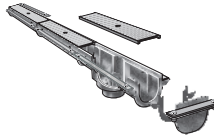
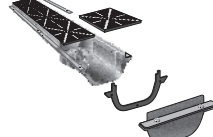
GRP & STEEL TRENCH
DRAIN PRODUCTS



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

LIT-046

PICTORIAL INDEX

 GLASS FIBER REINFORCED POLYESTER (GRP) FOR MAXIMUM FLEXIBILITY (PAGE 4)	 GLASS FIBER REINFORCED POLYESTER (GRP) MATERIAL ADVANTAGES (PAGE 5)	 CLIPFIX UNIVERSAL GRATES (PAGE 6)	 CLIPFIX AND PROFIX UNIVERSAL GRATE FIXING MECHANISM (PAGE 7)
 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)	 T1460 - NO EDGE RAIL T1460-4 - DUCTILE IRON FRAME 4" INTERNAL WIDTH, SHALLOW CHANNEL (PAGES 13, 38)	 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)	 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 17)
 T2060 - NO EDGE RAIL T2060-4 - DUCTILE IRON FRAME 8" INTERNAL WIDTH, SHALLOW CHANNEL (PAGE 17)	 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 18)	 T3000-13 - GALVANIZED STEEL EDGE RAIL T3000 - NO EDGE RAIL 12" INTERNAL WIDTH CHANNELS (PAGE 22)	 T2000-CB2024 - FIBERGLASS FRAME (Page 22)
 T1400-F - 4" INTERNAL WIDTH FRAME AND GRATE (Page 24)	 T2000-F - 8" INTERNAL WIDTH FRAME AND GRATE (Page 24)	 T3000-F - 12" INTERNAL WIDTH FRAME AND GRATE (Page 24)	 T250 - 2" INTERNAL WIDTH (PAGE 25)
 T1330 - 4" INTERNAL WIDTH STEEL CHANNELS (PAGE 26)	 T1360 - 8" INTERNAL WIDTH STEEL CHANNELS (PAGE 28)	 T5000-158 - 1 5/8" INTERNAL WIDTH ALUMINUM CHANNELS (PAGE 30)	 T5000-300 - 3" INTERNAL WIDTH ALUMINUM CHANNELS (PAGE 31)
 T4000-HDSC - UTILITY TRENCH SYSTEM (PAGE 32)	 T300 - Residential / Garage Trench Drain Pack (PAGE 32)	 T2320-FL - 6" WIDE CAST IRON TRENCH SYSTEM (PAGE 33)	 T2350-FL - 12" WIDE CAST IRON TRENCH SYSTEM (PAGE 33)

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

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, 38
T1400 - 4" Internal Width Channels	14
Grates For T1400 & T1460 - 4" Internal Width Channels.....	15
T2000 System Components and Features.....	16
T2060 - 8" Internal Width - Shallow Channels, Catch Basins & T2000 Accessories.....	17
T2000 - 8" Internal Width Channels	18
Grates for T2000 & T2060 - 8" Internal Width Channels.....	19
T3000 System Components and Features.....	20
T3000 Catch Basins - 12" Internal Width Channels & Accessories	21
T3000 - 12" Internal Width Channels	22
T2000-CB2024 - 20" x 24" Catch basin for T1400, T2000 and T3000 Channels.....	22
Grates for T3000 - 12" Internal Width Channels	23
T1400-F - 4" internal width, T2000-F, 8" internal width and T3000-F, 12" internal width Frame and Grate.....	24
T250 - 2" Internal Width Channels and Grates.....	25
T1330 - 4" Internal Width, Steel Channels	26
T1330 - Grates for 4" Internal Width Channels	27
T1360 - 8" Internal Width, Steel Channels	28
T1360 - Grates for Internal Width Channels.....	29
T5000-158 - 1 5/8" Internal Width, Aluminum Channels	30
T5000-300 - 3" Internal Width, Aluminum Channels	31
T4000-HDSC - Utility Trench System, various widths	32
T300 - Residential / Garage Trench Drain Pack.....	32
T2320-FL and T2350-FL - 6" and 12" Wide Cast Iron Trench Systems	33
Accessories and Suspended Slab Installation Guide.....	34
Typical Trench Drain Sizing Considerations.....	34
GRP Trench Installation Guide.....	35
Neutral Trench Drain Flow Rates Vs. Sloped Trench Drain Flow Rates	36, 37
Installation Device for shallow T1460 channels.....	38
Chemical Resistance Chart.....	39
Load Class and Transportation Definitions.....	40
Cross Reference Guide.....	41
Common Questions and Answers	42, 43
Project References	44, 45
Terms and Warranties.....	46

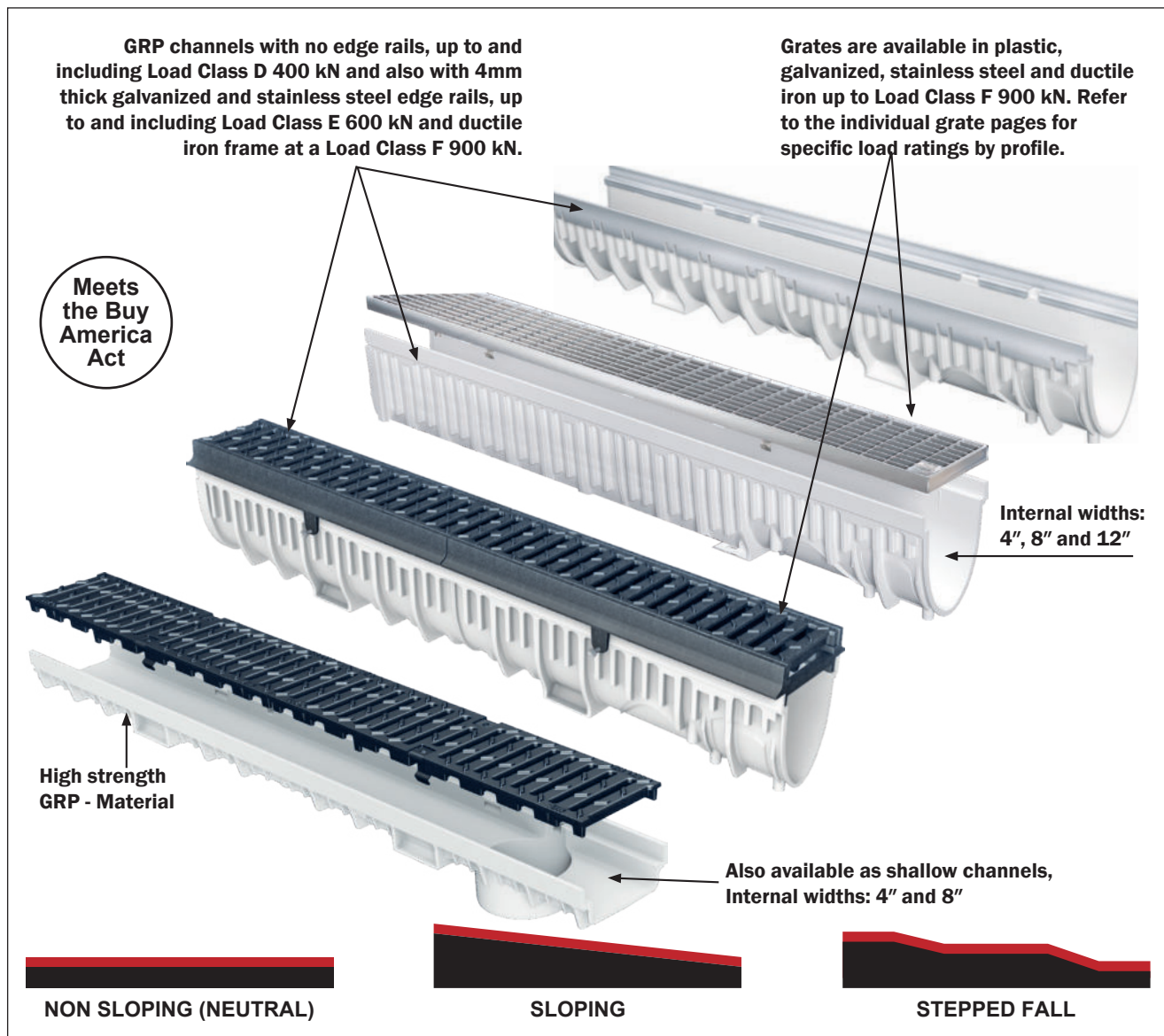
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Visit www.mifab.com 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. 46.

Glass Fiber Reinforced Polyester (GRP) for Maximum Flexibility



The GRP channels are ideal for:

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

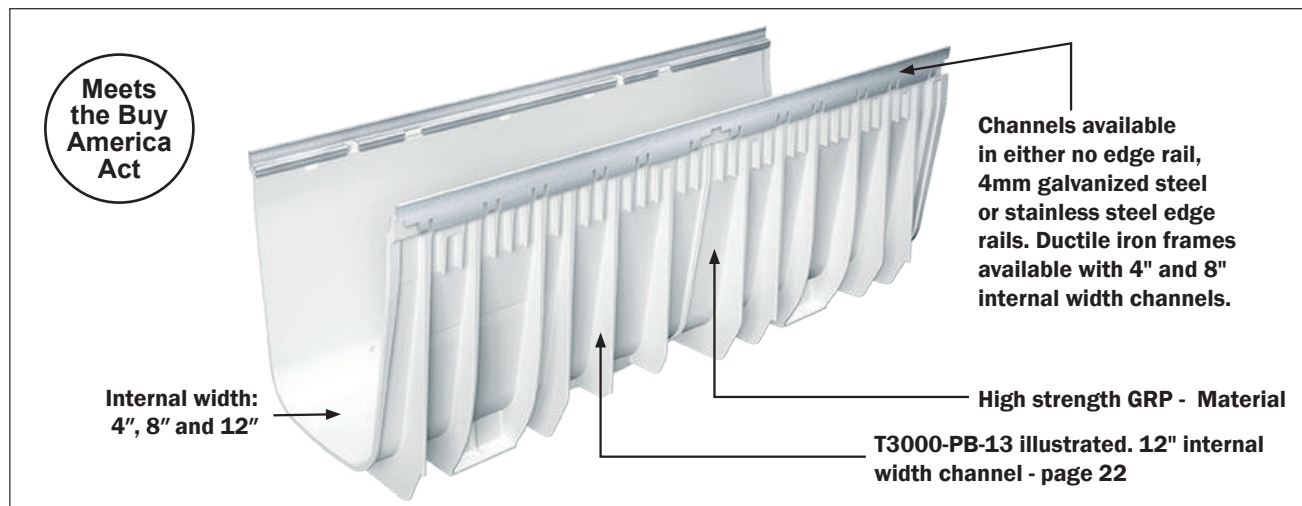
- ADA grates for handicapped accessible areas
- Heelproof grates for areas with high heels
- Ductile Iron slotted, longitudinal and decorative grates
- Perforated and mesh grates made of galvanized and stainless steel
- Slotted and longitudinal grates made of galvanized and stainless steel
- Slotted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

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

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 with 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.

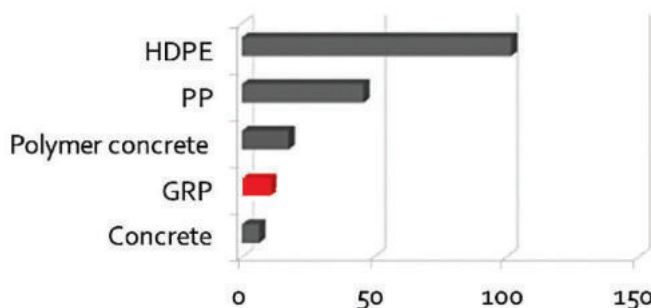
GRP channels are composed of glass fiber reinforced polyester. GRP channels are resistant to most chemicals and acids. A maximum working temperature of 212° Fahrenheit (100° C) is recommended. Typically, most other plastic materials (HDPE and PP) have a working temperature of 140° Fahrenheit. Polymer concrete has a maximum working temperature of 180° Fahrenheit. The minimum working temperature of GRP is minus 31° Fahrenheit.

MATERIAL CONSIDERATIONS

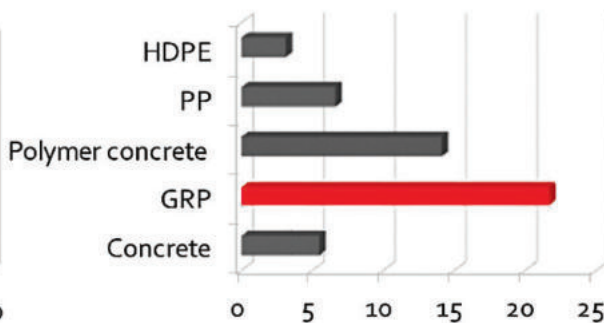
THESE SYSTEMS ARE EXPOSED TO: ELEMENTS
EXTREME DYNAMIC LOADS
CORROSIVE ENVIRONMENTS

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)



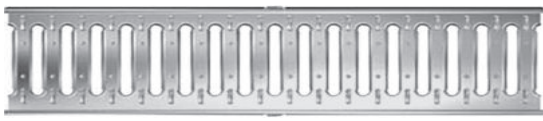
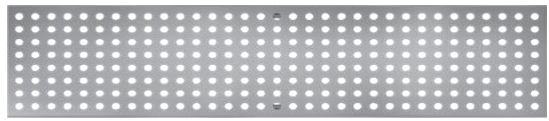
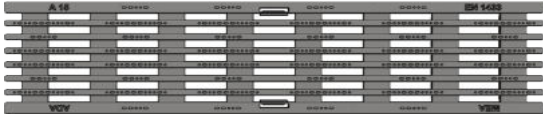
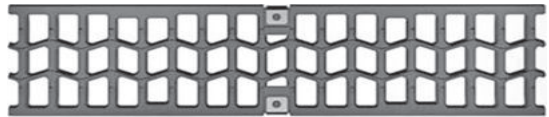
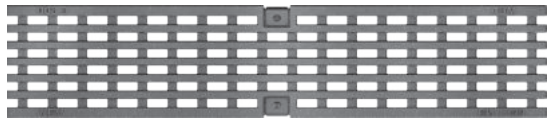
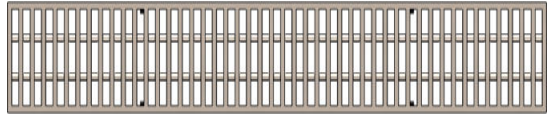
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Visit www.mifab.com 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. 46.

Clipfix Universal Grates

GALV. & S.S. - SLOTTED  T1400, T1460 Load Class A,C, E	GALV. & S.S. - PERFORATED  T1400, T1460 Load Class A, C
PLASTIC - LONGITUDINAL  T1400, T1460 Load Class A	GALV. & S.S. - MESH  T1400, T1460, T2000, T2060, T3000 Load Class A, C
PLASTIC - SLOTTED  T1400, T1460 Load Class C	GALV. & S.S. - LONGITUDINAL  T1400, T1460, T2000, T2060 Load Class B
DUCTILE IRON - SLOTTED  T1400, T1460, T2000, T2060, T3000 Load Class C, E, F	DUCTILE IRON - WAVE  T1400, T1460, T2000, T2060, T3000 Load Class C
DUCTILE IRON - HEELPROOF  T1400, T1460, T2000, T2060, T3000 Load Class C, E	DUCTILE IRON - LONGITUDINAL  T1400, T1460, T2000, T2060, T3000 Load Class E, F
DUCTILE IRON - BAVARIA  T1400, T1460, T2000, T2060 Load Class C	STAINLESS STEEL - BAR  T1400, T2000, T3000 Load Class E

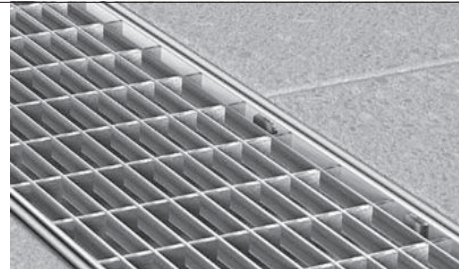
MIFAB offers a wide range of grates for GRP and steel channel systems that are not just functional, but also aesthetically pleasing.

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

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.

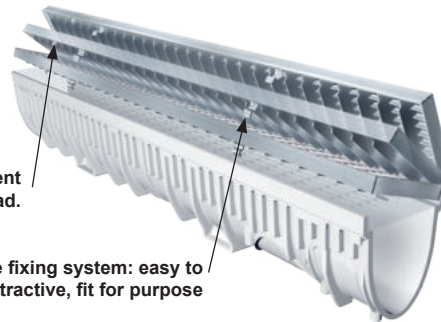


Thanks to the CLIPFIX system, the channel and grates offer an aesthetically pleasing solution when installed, because no locking devices or screws are visible.

Meets
the Buy
America
Act

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

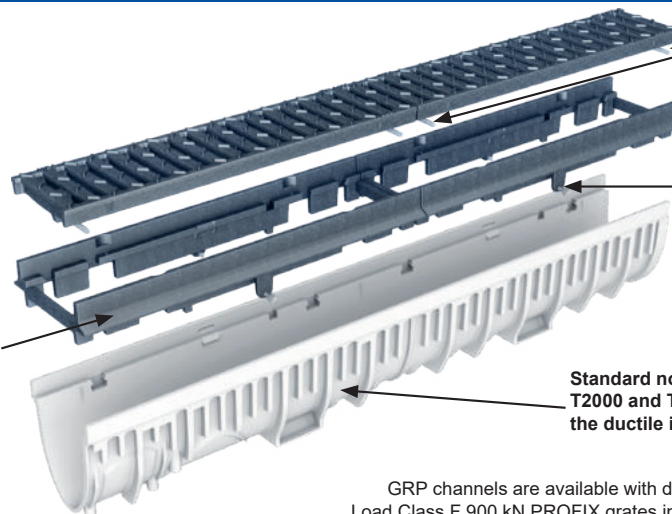
Universal CLIPFIX grate fixing system: easy to install, aesthetically attractive, fit for purpose



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. Exterior bolts are tightened to connect frame to 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
Glass Reinforced Polyester (GRP)	No Edge GRP Channels	X	X	X	X	X
	Stainless Steel Integral Edge GRP Channels	X		X		X
	Galvanized Steel Integral Edge GRP Channels		X	X	X	X
	Ductile Iron Integral Edge GRP Channels			X	X	

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 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. 46.

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 	\$122.83
A	Galvanized Steel	Slotted	PGA-13-FS	\$122.83
A	Stainless Steel	Perforated	PGA-3-FP 	\$179.53
A	Stainless Steel	Slotted	PGA-3-FS	\$179.53
A	Stainless Steel	Mesh	PGA-3-SM 	\$211.11
A	Black Plastic	Longitudinal Slotted	PGA-HPP-BLK 	\$141.63
A	Grey Plastic	Longitudinal Slotted	PGA-HPP-GRY 	\$141.63
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS 	\$160.61
B	Stainless Steel	Longitudinal, Anti slip AVAIL. MARCH 2023	PGB-3-WW 	\$452.29
C	Ductile Iron	Slotted	PGC-4	\$139.63
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$165.73
C	Ductile Iron	WAVE	PGC-4-WVY	\$165.88
C	Ductile Iron	Bavaria	PGC-4-BG	\$165.88
C	Galvanized Steel	Mesh	PGC-13-GM 	\$194.23
C	Galvanized Steel	Perforated	PGC-13-FP 	\$191.08
C	Galvanized Steel	Slotted AVAIL. MAY, 2023	PGC-13-FS	\$191.08
C	Galvanized Steel	Paverslot AVAIL. APRIL 2023	PGC-13-SD 	\$185.98
C	Black Plastic	Heelproof Slotted	PGC-HPP 	\$237.28
C	Ductile Iron	Solid Cover AVAIL. JULY, 2023	SCC-4 	\$165.88
C	Stainless Steel	Slotted AVAIL. MAY, 2023	PGC-3-FS	\$271.93
C	Stainless Steel	Perforated AVAIL. JUNE, 2023	PGC-3-FP 	\$271.93
C	Stainless Steel	Mesh	PGC-3-SM 	\$371.20
C	Stainless Steel	Paverslot AVAIL. APRIL 2023	PGC-3-SD 	\$247.56

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 	\$174.28
A	Galvanized Steel	Slotted	PGA-13-FS	\$174.28
A	Black Plastic	Longitudinal Slotted	PGA-HPP-BLK 	\$193.08
A	Grey Plastic	Longitudinal Slotted	PGA-HPP-GRY 	\$193.08
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS 	\$212.06
C	Ductile Iron	Slotted	PGC-4	\$191.08
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$217.18
C	Ductile Iron	WAVE	PGC-4-WVY	\$217.33
C	Ductile Iron	Bavaria	PGC-4-BG	\$217.33
C	Galvanized Steel	Mesh	PGC-13-GM 	\$245.68
C	Galvanized Steel	Perforated AVAIL. JUNE 2023	PGC-13-FP 	\$242.53
C	Galvanized Steel	Slotted AVAIL. MAY, 2023	PGC-13-FS	\$242.53
C	Galvanized Steel	Paverslot AVAIL. APRIL 2023	PGC-13-SD 	\$237.43
C	Black Plastic	Heelproof Slotted	PGC-HPP 	\$288.73
C	Ductile Iron	Solid Cover AVAIL. JULY 2023	SCC-4 	\$217.33
E	Ductile Iron	Heelproof Slotted	PGE-4-HP 	\$244.63
E	Ductile Iron	Longitudinal Slotted	PGE-4-ADA 	\$244.63
E	Ductile Iron	Longitudinal Slotted, galvanized	PGE-4-ADA-13 	\$285.58
E	Ductile Iron	Slotted	PGE-4	\$208.93
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$221.53
E	Galvanized Steel	Slotted	PGE-13-FS	\$229.98

T1400-4 - 4" Internal Width Ductile Iron Frames (Available October, 2023)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
F	Ductile Iron	Slotted	PGF-4-PX	\$227.44
F	Ductile Iron	Slotted, galvanized	PGF-4-PX-13	\$245.44
F	Ductile Iron	Longitudinal Slotted	PGF-4-ADA-PX 	\$273.46
F	Ductile Iron	Longitudinal Slotted, galvanized	PGF-4-ADA-PX-13 	\$305.19

T1400-3 - 4" Internal Width Stainless Steel Integral Edge Rails (Available July, 2023)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
A	Stainless Steel	Perforated	PGA-3-FP 	\$251.18
A	Stainless Steel	Slotted	PGA-3-FS	\$251.18
A	Stainless Steel	Mesh	PGA-3-SM 	\$282.76
A	Black Plastic	Longitudinal Slotted	PGA-HPP-BLK 	\$213.28
A	Grey Plastic	Longitudinal Slotted	PGA-HPP-GRY 	\$213.28
B	Stainless Steel	Longitudinal, Anti Slip AVAIL. MARCH 2023	PGB-3-WW 	\$523.94
C	Ductile Iron	Slotted	PGC-4	\$211.28
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$237.38
C	Ductile Iron	WAVE	PGC-4-WVY	\$237.53
C	Ductile Iron	Bavaria	PGC-4-BG	\$237.53
C	Black Plastic	Heelproof Slotted	PGC-HPP 	\$308.93
C	Ductile Iron	Solid Cover AVAIL. JULY 2023	SCC-4 	\$237.53
C	Stainless Steel	Slotted AVAIL. MAY, 2023	PGC-3-FS	\$343.58
C	Stainless Steel	Perforated	PGC-3-FP 	\$343.58
C	Stainless Steel	Mesh	PGC-3-SM 	\$442.85
C	Stainless Steel	Paverslot AVAIL. APRIL 2023	PGC-3-SD 	\$319.21
E	Stainless Steel	Bar	PGE-3-SBG	\$599.93
E	Ductile Iron	Heelproof Slotted	PGE-4-HP 	\$264.83
E	Ductile Iron	Longitudinal Slotted	PGE-4-ADA 	\$264.83
E	Ductile Iron	Slotted	PGE-4	\$229.13
E	Stainless Steel	Slotted AVAIL. JULY 2023	PGE-3-FS	\$398.21

NOTE: Lockdowns The CLIPFIX locking clips are included with all of the above Class A - E grates.
The PROFIX locking bars are included with all of the above Class F grates.
45s, 90s, catch basins, outlets, end caps and installation devices are priced separately and not included in the above System Pricing. (See Page 13)

Cutting Charges

T1400, T1400-3, T1400-4, T1400-13 - Cutting / per cut - (including bodies and grates - but does not include bonding of channel bodies)

\$202.65



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)

T2000 - 8" Internal Width No Edge Rails				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
A	Galvanized Steel	Mesh	PGA-13-GM 	\$271.10
A	Stainless Steel	Mesh	PGA-3-SM 	\$738.13
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS  	\$283.68
B	Stainless Steel	Longitudinal, Anti slip AVAIL. MAY, 2023	PGB-3-WW  	\$738.13
C	Ductile Iron	Slotted	PGC-4	\$238.34
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$303.43
C	Ductile Iron	WAVE	PGC-4-WVY	\$303.43
C	Ductile Iron	Bavaria	PGC-4-BG	\$303.43
C	Galvanized Steel	Mesh	PGC-13-GM 	\$383.18
C	Galvanized Steel	Paverslot AVAIL. MAY, 2023	PGC-13-SD  	\$283.31
C	Stainless Steel	Mesh	PGC-3-SM 	\$867.97
C	Stainless Steel	Paverslot AVAIL. MAY, 2023	PGC-3-SD  	\$408.99

T2000-13 - 8" Internal Width 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 	\$327.81
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS  	\$340.39
C	Ductile Iron	Slotted	PGC-4	\$295.05
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$360.14
C	Ductile Iron	WAVE	PGC-4-WVY	\$360.14
C	Ductile Iron	Bavaria	PGC-4-BG	\$360.14
C	Galvanized Steel	Mesh	PGC-13-GM 	\$439.89
C	Galvanized Steel	Paverslot AVAIL. MAY, 2023	PGC-13-SD  	\$340.02
E	Ductile Iron	Slotted	PGE-4	\$342.30
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$392.70
E	Ductile Iron	Heelproof Slotted	PGE-4-HP 	\$392.70
E	Ductile Iron	Longitudinal Slotted AVAIL. JULY, 2023	PGE-4-ADA  	\$392.70
E	Ductile Iron	Longitudinal Slotted, galvanized AVAIL. JULY, 2023	PGE-ADA-13  	\$502.94

T2000-4 - 8" Internal Width Ductile Iron Frames (Available October, 2023)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
F	Ductile Iron	Slotted	PGF-4-PX	\$416.16
F	Ductile Iron	Slotted, galvanized	PGF-4-PX-13	\$464.94
F	Ductile Iron	Longitudinal Slotted	PGF-4-ADA-PX  	\$288.73
F	Ductile Iron	Longitudinal Slotted, galvanized	PGF-4-ADA-PX-13  	\$541.16

T2000-3 - 8" Internal Width Stainless Steel Integral Edge Rails (Available July, 2023)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
A	Stainless Steel	Mesh	PGA-3-SM 	\$1,086.61
B	Stainless Steel	Longitudinal, Anti slip AVAIL. MAY, 2023	PGB-3-WW  	\$1,086.61
C	Ductile Iron	Slotted	PGC-4	\$586.82
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$651.91
C	Ductile Iron	WAVE	PGC-4-WVY	\$651.91
C	Ductile Iron	Bavaria	PGC-4-BG	\$651.91
C	Stainless Steel	Mesh	PGC-3-SM 	\$1,216.45
C	Stainless Steel	Paverslot AVAIL. MAY, 2023	PGC-3-SD  	\$757.47
E	Stainless Steel	Bar	PGE-3-SBG	\$1,495.66
E	Ductile Iron	Slotted	PGE-4	\$634.07
E	Ductile Iron	Heelproof Slotted	PGE-4-HP 	\$684.47
E	Ductile Iron	Longitudinal Slotted AVAIL. JULY, 2023	PGE-4-ADA  	\$684.47

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

The PROFIX locking bars are included with all of the above Class F grates.

45s, 90s, catch basins, outlets, end caps and installation devices are priced separately and not included in the above System Pricing. (See Page 17)

Cutting Charges	T2000, T2000-3, T2000-4, T2000-13 - Cutting / per cut - (including bodies and grates - but does not include bonding of channel bodies)	\$250.00
------------------------	--	-----------------

 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.

Visit 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. 46.

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	\$373.55
A	Galvanized Steel	Slotted	PGA-13-FS	\$373.55
A	Stainless Steel	Perforated	PGA-3-FP	\$430.25
A	Stainless Steel	Slotted	PGA-3-FS	\$430.25
A	Stainless Steel	Mesh	PGA-3-SM	\$461.83
A	Black Plastic	Longitudinal Slotted	PGA-HPP-BLK	\$392.35
A	Grey Plastic	Longitudinal Slotted	PGA-HPP-GRY	\$392.35
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS	\$411.33
B	Stainless Steel	Longitudinal, Anti slip	PGB-3-WW	\$703.01
C	Ductile Iron	Slotted	PGC-4	\$390.35
C	Ductile Iron	Heelproof Slotted	PGC-4-HP	\$416.45
C	Ductile Iron	Wave	PGC-4-WVY	\$416.60
C	Ductile Iron	Bavaria	PGC-4-BG	\$416.60
C	Ductile Iron	Solid Cover	SCC-4	\$416.60
C	Galvanized Steel	Mesh	PGC-13-GM	\$444.95
C	Galvanized Steel	Perforated	PGC-13-FP	\$441.80
C	Galvanized Steel	Slotted	PGC-13-FS	\$441.80
C	Galvanized Steel	Paverslot	PGC-13-SD	\$436.70
C	Black Plastic	Heelproof Slotted	PGC-HPP	\$488.00
C	Stainless Steel	Slotted	PGC-3-FS	\$522.65
C	Stainless Steel	Perforated	PGC-3-FP	\$522.65
C	Stainless Steel	Mesh	PGC-3-SM	\$621.92
C	Stainless Steel	Paverslot	PGC-3-SD	\$498.28
E	Ductile Iron	Heelproof Slotted	PGE-4-HP	\$443.90
E	Ductile Iron	Longitudinal Slotted	PGE-4-ADA	\$443.90
E	Ductile Iron	Longitudinal Slotted, galvanized	PGE-4-ADA-13	\$484.85
E	Ductile Iron	Slotted	PGE-4	\$408.20
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$420.80
E	Stainless Steel	Bar	PGE-3-SBG	\$779.00
E	Stainless Steel	Slotted	PGE-3-FS	\$577.28
E	Galvanized Steel	Slotted	PGE-13-FS	\$429.25

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	\$534.32
A	Stainless Steel	Mesh	PGA-3-SM	\$1,001.35
B	Galvanized Steel	Longitudinal slotted	PGB-13-LS	\$546.90
B	Stainless Steel	Longitudinal, Anti slip	PGB-3-WW	\$1,001.35
C	Ductile Iron	Slotted	PGC-4	\$501.56
C	Ductile Iron	Heelproof Slotted	PGC-4-HP	\$566.65
C	Ductile Iron	Wave	PGC-4-WVY	\$566.65
C	Ductile Iron	Bavaria	PGC-4-BG	\$566.65
C	Galvanized Steel	Mesh	PGC-13-GM	\$646.40
C	Galvanized Steel	Paverslot	PGC-13-SD	\$546.53
C	Stainless Steel	Paverslot	PGC-3-SD	\$672.21
C	Stainless Steel	Mesh	PGC-3-SM	\$1,131.19
E	Ductile Iron	Slotted	PGE-4	\$548.81
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$599.21
E	Ductile Iron	Heelproof Slotted	PGE-4-HP	\$599.21
E	Ductile Iron	Longitudinal slotted	PGE-4-ADA	\$599.21
E	Ductile Iron	Longitudinal Slotted, galvanized	PGE-4-ADA-13	\$709.45
E	Stainless Steel	Bar	PGE-3-SBG	\$1,410.40

NOTE: Lockdowns The CLIPFIX locking clips are included with all of the above grates.
T1330, T1360: 45s, 90s, catch basins, outlets, end caps and installation devices are priced separately and not included in the above System Pricing. (See Pages 26 & 28)

 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	\$149.05
A	Galvanized Steel	Slotted	PGA-13-FS	\$149.05
A	Stainless Steel	Perforated	PGA-3-FP	\$205.75
A	Stainless Steel	Slotted	PGA-3-FS	\$205.75
A	Stainless Steel	Mesh	PGA-3-SM	\$237.33
A	Black Plastic	Longitudinal Slotted	PGA-HPP-BLK	\$167.85
A	Grey Plastic	Longitudinal Slotted	PGA-HPP-GRY	\$167.85
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS	\$186.83
B	Stainless Steel	Longitudinal, Anti slip	PGB-3-WW	\$478.51
C	Ductile Iron	Slotted	PGC-4	\$165.85
C	Ductile Iron	Heelproof Slotted	PGC-4-HP	\$191.95
C	Ductile Iron	Wave	PGC-4-WVY	\$192.10
C	Ductile Iron	Bavaria	PGC-4-BG	\$192.10
C	Ductile Iron	Solid Cover	SCC-4	\$192.10
C	Galvanized Steel	Mesh	PGC-13-GM	\$220.45
C	Galvanized Steel	Perforated	PGC-13-FP	\$217.30
C	Galvanized Steel	Slotted	PGC-13-FS	\$217.30
C	Galvanized Steel	Paverslot	PGC-13-SD	\$212.20
C	Black Plastic	Heelproof Slotted	PGC-HPP	\$263.50
C	Stainless Steel	Slotted	PGC-3-FS	\$298.15
C	Stainless Steel	Perforated	PGC-3-FP	\$298.15
C	Stainless Steel	Mesh	PGC-3-SM	\$397.42
C	Stainless Steel	Paverslot	PGC-3-SD	\$273.78
E	Ductile Iron	Heelproof Slotted	PGE-4-HP	\$219.40
E	Ductile Iron	Longitudinal Slotted	PGE-4-ADA	\$219.40
E	Ductile Iron	Longitudinal Slotted, galvanized	PGE-4-ADA-13	\$260.35
E	Ductile Iron	Slotted	PGE-4	\$183.70
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$196.30
E	Stainless Steel	Bar	PGE-3-SBG	\$554.60
E	Stainless Steel	Slotted	PGE-3-FS	\$352.78
E	Galvanized Steel	Slotted	PGE-13-FS	\$204.75

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	\$336.17
A	Stainless Steel	Mesh	PGA-3-SM	\$803.20
B	Galvanized Steel	Longitudinal slotted	PGB-13-LS	\$348.75
B	Stainless Steel	Longitudinal, Anti slip	PGB-3-WW	\$803.20
C	Ductile Iron	Slotted	PGC-4	\$303.41
C	Ductile Iron	Heelproof Slotted	PGC-4-HP	\$368.50
C	Ductile Iron	Wave	PGC-4-WVY	\$368.50
C	Ductile Iron	Bavaria	PGC-4-BG	\$368.50
C	Galvanized Steel	Mesh	PGC-13-GM	\$448.25
C	Galvanized Steel	Paverslot	PGC-13-SD	\$348.38
C	Stainless Steel	Mesh	PGC-3-SM	\$933.04
C	Stainless Steel	Paverslot	PGC-3-SD	\$474.06
E	Ductile Iron	Slotted	PGE-4	\$350.66
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$401.06
E	Ductile Iron	Heelproof Slotted	PGE-4-HP	\$401.06
E	Ductile Iron	Longitudinal slotted	PGE-4-ADA	\$401.06
E	Ductile Iron	Longitudinal Slotted, galvanized	PGE-4-ADA-13	\$511.30
E	Stainless Steel	Bar	PGE-3-SBG	\$1,212.25

T3000-F - 12" Internal Width Ductile Iron Frames				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
C	Galvanized Steel	Mesh	PGC-13-GM	\$729.37
C	Stainless Steel	Mesh	PGC-3-SM	\$1,203.15
C	Ductile Iron	Slotted	PGC-4	\$386.93
C	Ductile Iron	Heelproof Slotted	PGC-4-HP	\$440.49
C	Ductile Iron	WAVE	PGC-4-WVY	\$555.74
E	Ductile Iron	Slotted	PGE-4	\$455.22
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$486.93
E	Ductile Iron	Heelproof Slotted	PGE-4-HP	\$530.83
E	Ductile Iron	Longitudinal Slotted	PGE-4-ADA	\$530.83
E	Ductile Iron	Longitudinal Slotted, galvanized	PGE-4-ADA-13	\$578.39
E	Stainless Steel	Bar	PGE-3-SBG	\$1,508.27
E	Ductile Iron	Solid Cover	SCE-4	\$531.13

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)

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 	\$107.13
A	Galvanized Steel	Slotted	PGA-13-FS	\$107.13
A	Stainless Steel	Perforated	PGA-3-FP 	\$163.83
A	Stainless Steel	Slotted	PGA-3-FS	\$163.83
A	Stainless Steel	Mesh	PGA-3-SM 	\$195.41
A	Black Plastic	Longitudinal Slotted	PGA-HPP-BLK 	\$125.93
A	Grey Plastic	Longitudinal Slotted	PGA-HPP-GRY 	\$125.93
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS 	\$144.91
B	Stainless Steel	Longitudinal, Anti slip AVAIL. MARCH, 2023	PGB-3-WW 	\$436.59
C	Ductile Iron	Slotted	PGC-4	\$123.93
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$150.03
C	Ductile Iron	WAVE	PGC-4-WVY	\$150.18
C	Ductile Iron	Bavaria	PGC-4-BG	\$150.18
C	Galvanized Steel	Mesh	PGC-13-GM 	\$178.53

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 	\$258.98
A	Stainless Steel	Mesh	PGA-3-SM 	\$726.01
B	Galvanized Steel	Longitudinal Slotted	PGB-13-LS 	\$271.56
B	Stainless Steel	Longitudinal, Anti slip AVAIL. MAY, 2023	PGB-3-WW 	\$726.01
C	Ductile Iron	Slotted	PGC-4	\$226.22
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$291.31
C	Ductile Iron	WAVE	PGC-4-WVY	\$291.31
C	Ductile Iron	Bavaria	PGC-4-BG	\$291.31
C	Galvanized Steel	Mesh	PGC-13-GM 	\$371.06
C	Galvanized Steel	Paverslot AVAIL. MAY, 2023	PGC-13-SD 	\$271.19
C	Stainless Steel	Mesh	PGC-3-SM 	\$855.85
C	Stainless Steel	Paverslot AVAIL. MAY, 2023	PGC-3-SD 	\$396.87

T2060-4 - 8" Internal Width, 100MM Deep Ductile Iron Frames (Available October, 2023)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	GRATE SUFFIX	LIST PRICE (Per Foot)
F	Ductile Iron	Slotted	PGF-4-PX	\$404.04
F	Ductile Iron	Slotted, galvanized	PGF-4-PX-13	\$452.82
F	Ductile Iron	Longitudinal slotted	PGF-4-ADA-PX 	\$461.97
F	Ductile Iron	Longitudinal slotted, galvanized	PGF-4-ADA-PX-13 	\$529.04

T1460 - (Continued)				
C	Galvanized Steel	Perforated	AVAIL. JUNE, 2023 PGC-13-FP 	\$175.38
C	Galvanized Steel	Slotted	AVAIL. MAY, 2023 PGC-13-FS	\$175.38
C	Galvanized Steel	Paverslot AVAIL. APRIL, 2023	PGC-13-SD 	\$170.28
C	Black Plastic	Heelproof Slotted	PGC-HPP 	\$221.58
C	Ductile Iron	Solid Cover AVAIL. JULY, 2023	SCC-4 	\$150.18
C	Stainless Steel	Slotted	AVAIL. MAY, 2023 PGC-3-FS	\$256.23
C	Stainless Steel	Perforated	AVAIL. JUNE, 2023 PGC-3-FP 	\$256.23
C	Stainless Steel	Mesh	PGC-3-SM 	\$355.50
C	Stainless Steel	Paverslot AVAIL. APRIL, 2023	PGC-3-SD 	\$231.86

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	\$211.74
F	Ductile Iron	Slotted, galvanized	PGF-4-PX-13	\$229.74
F	Ductile Iron	Longitudinal slotted	PGF-4-ADA-PX 	\$257.76
F	Ductile Iron	Longitudinal slotted, galvanized	PGF-4-ADA-PX-13 	\$289.49

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 	\$638.02
C	Stainless Steel	Mesh	PGC-3-SM 	\$1,111.80
C	Ductile Iron	Slotted	PGC-4	\$295.58
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$349.15
C	Ductile Iron	WAVE	PGC-4-WVY	\$464.39

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 	\$708.91
C	Ductile Iron	Slotted	PGC-4	\$366.47
C	Ductile Iron	Heelproof Slotted	PGC-4-HP 	\$420.03
C	Ductile Iron	WAVE	PGC-4-WVY	\$535.28
E	Ductile Iron	Slotted	PGE-4	\$434.76
E	Ductile Iron	Slotted, galvanized	PGE-4-13	\$466.47
E	Ductile Iron	Heelproof Slotted	PGE-4-HP 	\$510.37
E	Ductile Iron	Longitudinal Slotted AVAIL. JULY, 2023	PGE-4-ADA 	\$510.37
E	Ductile Iron	Longitudinal Slotted, galvanized AVAIL. JULY, 2023	PGE-4-ADA-13 	\$557.93
E	Ductile Iron	Solid Cover AVAIL. JULY, 2023	SCE-4 	\$510.67

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

45s, 90s, catch basins, outlets, end caps and installation devices are priced separately and not included in the above System Pricing. (See Pages 13, 17 & 22)

Cutting Charges	T1460 - Cutting / per cut - (including bodies and grates - but does not include bonding of channel bodies)	\$190.00
Cutting Charges	T2060 - Cutting / per cut - (including bodies and grate - but does not include bonding of channel bodies)	\$240.00
Cutting Charges	T3000, T3000-13 - Cutting / per cut - (including bodies and grates - but does not include bonding of channel bodies)	\$325.00

 See page 12 for explanation of ADA compliant grates

 See page 12 for explanation of Heelproof compliant grates

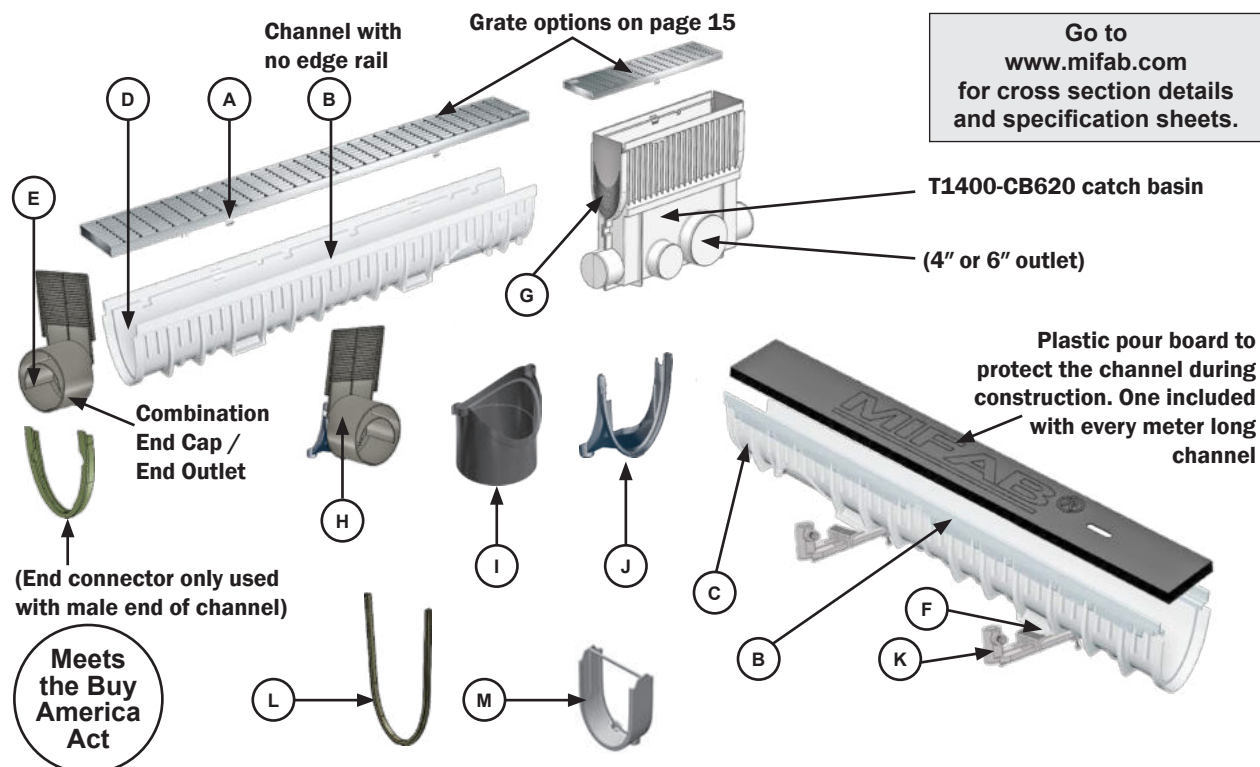
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Visit 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. 46.

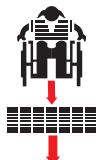
T1400 System Components and Features



- 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 for 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 either 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 filler plates and one sediment bucket are provided with every catch basin to accept all channel depths.
- H. Side outlet. (Side channel connector and combination outlet).
- 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. T1410-PNCC and T1420-PNCC. Male to male channel connectors for 1 meter long T1410 and T1420 channels.



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



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.



T1460 - 4" Internal Width - Shallow Channels and Catch Basins

T1460N-PB
Channel Body



T1460N-PB-BO4

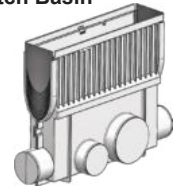
Channel Body with integral 4" outlet

Meets
the Buy
America
Act



SCAN FOR
SPEC. SHEETS

T1400-CB620
Catch Basin



Go to 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	T1460N-REB (two stainless steel brackets with mounting hardware) \$10.50 for 2 pieces		OVERALL BODY DEPTH	MAXIMUM FLOW RATE	WEIGHT (LESS GRATE)
Channel Model #	List Price, Each (1 Meter long)	Neutral - 0%					GPM	Lbs.
T1460N-PB	\$313.50	Neutral	2"	T1460-CI channel insert	T1460-CI - channel insert for T1460 shallow channels, if required.	2.17"	55	4.12
T1460N-PB-500 (half meter long)	\$188.25	Neutral	2"			2.17"	55	2.05
T1460N-PB-BO4	\$313.50	Neutral	2"		\$30.00 for bag of 10	2.17"	55	4.12
T1460N-SVF-3	\$141.25	Type 304 Stainless Steel veneer frame for T1460N no edge channels, one meter long.				T1400-PFO-4 ductile iron frame	Load Class F Ductile Iron frame for T1400 and T1460N channels	
T1400-PFO-4	\$185.00	Load Class F Ductile Iron frame for T1400 and T1460N no edge channels, half meter long, (two pieces needed per channel) (Available October, 2023)						

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%			
T1400-CB620-13	\$715.00	T1400-CB620	\$617.50	T1400-CB620-3	\$1,235.00	T1400-CB620-4	\$750.00	Neutral	19"	19.18"	12.74
Replacement sediment bucket		T1400-CB620-SB	\$217.50								

NOTE: All catch basins are shipped with the sediment bucket and two filler plates to accept all channel depths.

 MI-FLEX-400	 T1400-PBDS	 T1400-PEO End Cap / End Outlet, 3" and 4" socket connection combination, with connector	 T1400-PBO3 T1400-PBO4 Socket Connection Bottom Outlet - 3" or 4"	 T1400-REB (Installation Device) Two devices provided with every channel	 T1400-SIDE-ADAPT T1400-SIDE-ADAPT - T1400N T1410-SIDE-ADAPT - T1410N T1420-SIDE-ADAPT - T1420N	 T1400-SO4 Side outlet connector and End Outlet assembly T1400-SO4 - T1400N, T1410-SO4 - T1410N, T1420-SO4 - T1420N	 T1460-PEC Closed End Cap for T1460N Channels	 MI-4ADAPT 4" PVC x 4" N.P.T. Adapter	 T1400-CI Channel insert	 T1410-PNCC Male to male channel connector (Available May, 2023)	 T1420-PNCC Male to male channel connector (Available May, 2023)
---	--	--	---	--	---	--	---	---	---	---	---

MODEL #	DESCRIPTION	MATERIAL	LIST PRICE	WEIGHT (Lbs.)
MI-FLEX-400	4" Flexible rubber coupling to connect 4" No Hub vertical and horizontal channel outlets to drainage pipe.	Rubber	\$18.00	0.50
T1400-PBDS	Bottom Outlet Strainer	Stainless Steel	\$81.00	0.20
T1400-PEO	3" and 4" socket connection combination end cap / end outlet, with connector	Plastic	\$40.00	0.44
T1400-PBO3	3" socket connection bottom outlet	Plastic	\$40.00	0.40
T1400-PBO4	4" socket connection bottom outlet	Plastic	\$40.00	0.40
T1400-REB	Replacement Installation Device	Plastic	\$11.50	0.22
T1400-SIDE-ADAPT	Side Outlet Adapter for T1400N channel	Plastic	\$41.00	0.60
T1410-SIDE-ADAPT	Side Outlet Adapter for T1410N channel	Plastic	\$41.00	0.60
T1420-SIDE-ADAPT	Side Outlet Adapter for T1420N channel	Plastic	\$41.00	0.60
T1400-SO4	Side Outlet Connector (T1400-SIDE-ADAPT and T1400-PEO for T1400N)	Plastic	\$81.00	0.20
T1410-SO4	Side Outlet Connector (T1410-SIDE-ADAPT and T1400-PEO for T1410N)	Plastic	\$81.00	0.20
T1420-SO4	Side Outlet Connector (T1420-SIDE-ADAPT and T1400-PEO for T1420N)	Plastic	\$81.00	0.20
T1460-PEC	Closed End Cap for T1460N channels	Plastic	\$40.00	0.20
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 38 for application)	Plastic	\$25.00	0.20
T1400-CI	Channel insert to fill expansion gap between channels (if required)	Plastic	\$30.00 / bag of 10	0.10
T1410-PNCC	Male to male channel connector for 1 meter long T1410 channels	Plastic	\$41.00	0.75
T1420-PNCC	Male to male channel connector for 1 meter long T1420 channels	Plastic	\$41.00	0.85

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 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

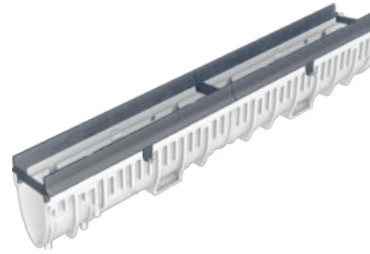
MIFAB®, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA
All sales subject to MIFAB's Terms and Warranties, please refer to page no. 46.



T1400-PB-13, T1400-PB-3
(Channels with galvanized and 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	\$533.75	T1400N-PB	\$365.00	T1400N-PB-3	\$600.00	T1400N-PB-4	\$550.00	Neutral	5.78"	5.78"	6.23"	6.23"	137	7.94
T1400N-PB-13-500	\$320.00 (half meter long channel)	T1400N-PB-500	\$219.00 (half meter long channel)	T1400N-PB-3-500	\$360.00 (half meter long channel)	T1400N-PB-4-500	\$360.00 (half meter long channel)	Neutral	5.78"	5.78"	6.23"	6.23"	137	4.41
T1400N-PB-13-500-DC	\$320.00 (half meter long channel, direction change)	T1400N-PB-500-DC	\$219.00 (half meter long channel, direction change)	T1400N-PB-3-500-DC	\$360.00 (half meter long channel, direction change)	T1400N-PB-4-500-DC	\$360.00 (half meter long channel, direction change)	Neutral	5.78"	5.78"	6.23"	6.23"	137	4.41
T1401-PB-13	\$533.75	T1401-PB	\$365.00	T1401-PB-3	\$600.00	T1401-PB-4	\$550.00	Sloped	5.78"	5.98"	6.23"	6.42"	146	8.16
T1402-PB-13	\$533.75	T1402-PB	\$365.00	T1402-PB-3	\$600.00	T1402-PB-4	\$550.00	Sloped	5.98"	6.18"	6.42"	6.62"	155	8.32
T1403-PB-13	\$533.75	T1403-PB	\$365.00	T1403-PB-3	\$600.00	T1403-PB-4	\$550.00	Sloped	6.18"	6.38"	6.62"	6.82"	163	8.49
T1404-PB-13	\$533.75	T1404-PB	\$365.00	T1404-PB-3	\$600.00	T1404-PB-4	\$550.00	Sloped	6.38"	6.57"	6.82"	7.01"	173	8.66
T1405-PB-13	\$533.75	T1405-PB	\$365.00	T1405-PB-3	\$600.00	T1405-PB-4	\$550.00	Sloped	6.57"	6.77"	7.01"	7.21"	182	8.83
T1406-PB-13	\$533.75	T1406-PB	\$365.00	T1406-PB-3	\$600.00	T1406-PB-4	\$550.00	Sloped	6.77"	6.97"	7.21"	7.41"	192	8.99
T1407-PB-13	\$533.75	T1407-PB	\$365.00	T1407-PB-3	\$600.00	T1407-PB-4	\$550.00	Sloped	6.97"	7.16"	7.41"	7.60"	203	9.16
T1408-PB-13	\$533.75	T1408-PB	\$365.00	T1408-PB-3	\$600.00	T1408-PB-4	\$550.00	Sloped	7.16"	7.36"	7.60"	7.80"	212	9.33
T1409-PB-13	\$533.75	T1409-PB	\$365.00	T1409-PB-3	\$600.00	T1409-PB-4	\$550.00	Sloped	7.36"	7.56"	7.80"	8.00"	223	9.50
T1410-PB-13	\$533.75	T1410-PB	\$365.00	T1410-PB-3	\$600.00	T1410-PB-4	\$550.00	Sloped	7.56"	7.75"	8.00"	8.19"	235	9.67
T1410N-PB-13	\$533.75	T1410N-PB	\$365.00	T1410N-PB-3	\$600.00	T1410N-PB-4	\$550.00	Neutral	7.75"	7.75"	8.19"	8.19"	235	9.57
T1410N-PB-13-500	\$320.00 (half meter long channel)	T1410N-PB-500	\$219.00 (half meter long channel)	T1410N-PB-3-500	\$360.00 (half meter long channel)	T1410N-PB-4-500	\$360.00 (half meter long channel)	Neutral	7.75"	7.75"	8.19"	8.19"	235	4.78
T1410N-PB-13-500-DC	\$320.00 (half meter long channel, direction change)	T1410N-PB-500-DC	\$219.00 (half meter long channel, direction change)	T1410N-PB-3-500-DC	\$360.00 (half meter long channel, direction change)	T1410N-PB-4-500-DC	\$360.00 (half meter long channel, direction change)	Neutral	7.75"	7.75"	8.19"	8.19"	235	4.78
T1411-PB-13	\$533.75	T1411-PB	\$365.00	T1411-PB-3	\$600.00	T1411-PB-4	\$550.00	Sloped	7.75"	7.95"	8.19"	8.39"	246	9.83
T1412-PB-13	\$533.75	T1412-PB	\$365.00	T1412-PB-3	\$600.00	T1412-PB-4	\$550.00	Sloped	7.95"	8.15"	8.39"	8.59"	262	10.00
T1413-PB-13	\$533.75	T1413-PB	\$365.00	T1413-PB-3	\$600.00	T1413-PB-4	\$550.00	Sloped	8.15"	8.34"	8.59"	8.78"	273	10.17
T1414-PB-13	\$533.75	T1414-PB	\$365.00	T1414-PB-3	\$600.00	T1414-PB-4	\$550.00	Sloped	8.34"	8.54"	8.78"	8.98"	285	10.34
T1415-PB-13	\$533.75	T1415-PB	\$365.00	T1415-PB-3	\$600.00	T1415-PB-4	\$550.00	Sloped	8.54"	8.74"	8.98"	9.18"	298	10.50
T1416-PB-13	\$533.75	T1416-PB	\$365.00	T1416-PB-3	\$600.00	T1416-PB-4	\$550.00	Sloped	8.74"	8.93"	9.18"	9.38"	311	10.67
T1417-PB-13	\$533.75	T1417-PB	\$365.00	T1417-PB-3	\$600.00	T1417-PB-4	\$550.00	Sloped	8.93"	9.13"	9.38"	9.57"	323	10.84
T1418-PB-13	\$533.75	T1418-PB	\$365.00	T1418-PB-3	\$600.00	T1418-PB-4	\$550.00	Sloped	9.13"	9.33"	9.57"	9.77"	338	11.01
T1419-PB-13	\$533.75	T1419-PB	\$365.00	T1419-PB-3	\$600.00	T1419-PB-4	\$550.00	Sloped	9.33"	9.53"	9.77"	9.97"	350	11.17
T1420-PB-13	\$533.75	T1420-PB	\$365.00	T1420-PB-3	\$600.00	T1420-PB-4	\$550.00	Sloped	9.53"	9.72"	9.97"	10.16"	365	11.34
T1420N-PB-13	\$533.75	T1420N-PB	\$365.00	T1420N-PB-3	\$600.00	T1420N-PB-4	\$550.00	Neutral	9.72"	9.72"	10.16"	10.16"	365	11.42
T1420N-PB-13-500	\$320.00 (half meter long channel)	T1420N-PB-500	\$219.00 (half meter long channel)	T1420N-PB-3-500	\$360.00 (half meter long channel)	T1420N-PB-4-500	\$360.00 (half meter long channel)	Neutral	9.72"	9.72"	10.16"	10.16"	365	5.71
T1420N-PB-13-500-DC	\$320.00 (half meter long channel, direction change)	T1420N-PB-500-DC	\$219.00 (half meter long channel, direction change)	T1420N-PB-3-500-DC	\$360.00 (half meter long channel, direction change)	T1420N-PB-4-500-DC	\$360.00 (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 (Lbs.)	
T100-PGA-13-FP	Class A Galvanized Perforated Grate, 1 meter	39.37" (1000)	\$37.88	\$11.55	3.85	
T100-PGA-13-FP-500	Class A Galvanized Perforated Grate, 1/2 meter	19.69" (500)	\$22.73	\$13.86	2.09	
T100-PGA-3-FP	Class A Stainless Steel Perforated Grate, 1 meter	39.37" (1000)	\$223.86	\$68.25	3.85	
T100-PGA-3-FP-500	Class A Stainless Steel Perforated Grate, 1/2 meter	19.69" (500)	\$134.32	\$81.90	2.09	
T100-PGA-13-FS	Class A Galvanized Slotted Grate, 1 meter	39.37" (1000)	\$37.88	\$11.55	3.08	
T100-PGA-13-FS-500	Class A Galvanized Slotted Grate, 1/2 meter	19.69" (500)	\$22.73	\$13.86	2.86	
T100-PGA-3-FS	Class A Stainless Steel Slotted Grate, 1 meter	39.37" (1000)	\$223.86	\$68.25	3.12	
T100-PGA-3-FS-500	Class A Stainless Steel Slotted Grate, 1/2 meter	19.69" (500)	\$134.32	\$81.90	2.42	
T100-PGA-3-SM	Class A Stainless Steel Mesh Grate, 1 meter	39.37" (1000)	\$327.45	\$99.83	5.72	
T100-PGA-3-SM-500	Class A Stainless Steel Mesh Grate, 1/2 meter	19.69" (500)	\$187.97	\$114.62	3.08	
T100-PGA-HPP-BLK	Class A Plastic Longitudinal, Slotted Black Grate, 1/2 meter	19.69" (500)	\$49.77	\$30.35	1.80	
T100-PGA-HPP-GRY	Class A Plastic Longitudinal, Slotted Grey Grate, 1/2 meter	19.69" (500)	\$49.77	\$30.35	1.80	

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)	\$161.79	\$49.33	8.80	
T100-PGB-13-LS-500	Class B Galvanized Longitudinal Grate, 1/2 meter	19.69" (500)	\$89.87	\$54.80	4.37	
T100-PGB-3-WW	Class B Stainless Steel Longitudinal, anti slip, WW Grate, 1 meter	39.37" (1000)	\$1,118.51	\$341.01	8.80	
T100-PGB-3-WW-500	Class B Stainless Steel Longitudinal, anti slip, WW Grate, 1/2 meter	19.69" (500)	\$792.15	\$483.02	4.37	

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)	\$261.74	\$79.80	9.04	
T100-PGC-13-FP-500	Class C Galvanized Perforated Grate, 1/2 meter	19.69" (500)	\$157.05	\$95.76	4.51	
T100-PGC-3-FP	Class C Stainless Steel Perforated Grate, 1 meter	39.37" (1000)	\$526.93	\$160.65	9.04	
T100-PGC-3-FP-500	Class C Stainless Steel Perforated Grate, 1/2 meter	19.69" (500)	\$316.16	\$192.78	4.51	
T100-PGC-13-FS	Class C Galvanized Slotted Grate, 1 meter	39.37" (1000)	\$261.74	\$79.80	9.68	
T100-PGC-13-FS-500	Class C Galvanized Slotted Grate, 1/2 meter	19.69" (500)	\$157.05	\$95.76	4.59	
T100-PGC-3-FS	Class C Stainless Steel Slotted Grate, 1 meter	39.37" (1000)	\$526.93	\$160.65	9.32	
T100-PGC-3-FS-500	Class C Stainless Steel Slotted Grate, 1/2 meter	19.69" (500)	\$316.16	\$192.78	4.62	
T100-PGC-13-GM	Class C Galvanized Mesh Grate, 1 meter	39.37" (1000)	\$272.08	\$82.95	11.50	
T100-PGC-13-GM-500	Class C Galvanized Mesh Grate, 1/2 meter	19.69" (500)	\$163.24	\$99.54	5.80	
T100-PGC-3-SM	Class C Stainless Steel Mesh Grate, 1 meter	39.37" (1000)	\$852.53	\$259.92	11.50	
T100-PGC-3-SM-500	Class C Stainless Steel Mesh Grate, 1/2 meter	19.69" (500)	\$612.98	\$373.77	5.80	
T100-PGC-13-SD	Class C Galvanized Paverslot Grate, 1 meter	39.37" (1000)	\$245.00	\$74.70	10.25	
T100-PGC-13-SD-500	Class C Galvanized Paverslot Grate, 1/2 meter	19.69" (500)	\$166.45	\$101.49	5.23	
T100-PGC-13-SD-MU-500	Class C Galvanized Maintenance Unit Paverslot, 1/2 meter	19.69" (500)	\$433.27	\$264.19	7.43	
T100-PGC-3-SD	Class C Stainless Steel Paverslot Grate, 1 meter	39.37" (1000)	\$447.00	\$136.28	10.07	
T100-PGC-3-SD-500	Class C Stainless Steel Paverslot Grate, 1/2 meter	19.69" (500)	\$261.62	\$159.52	5.06	
T100-PGC-3-SD-MU-500	Class C Stainless Steel Maintenance Unit Paverslot, 1/2 meter	19.69" (500)	\$816.40	\$497.80	7.43	
T100-PGC-HPP	Class C Black Plastic Slotted Grate, 1/2 meter	19.69" (500)	\$206.64	\$126.00	2.35	
T100-PGC-4	Class C Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$46.49	\$28.35	7.26	
T100-PGC-4-HP	Class C Ductile Iron, Heelproof Slotted Grate, 1/2 meter	19.69" (500)	\$89.30	\$54.45	7.26	
T100-PGC-4-WVY	Class C Ductile Iron, WAVE Grate, 1/2 meter	19.69" (500)	\$89.54	\$54.60	10.12	
T100-PGC-4-BG	Class C Ductile Iron, Bavaria Grate, 1/2 meter	19.69" (500)	\$89.54	\$54.60	6.60	
T100-SCC-4	Class C Ductile Iron Solid Cover, 1/2 meter	19.69" (500)	\$89.54	\$54.60	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)	\$220.58	\$67.25	9.68	
T100-PGE-13-FS-500	Class E Galvanized Slotted Grate, 1/2 meter	19.69" (500)	\$141.67	\$86.38	4.59	
T100-PGE-3-FS	Class E Stainless Steel Slotted Grate, 1 meter	39.37" (1000)	\$706.13	\$215.28	9.32	
T100-PGE-3-FS-500	Class E Stainless Steel Slotted Grate, 1/2 meter	19.69" (500)	\$423.69	\$258.35	4.62	
T100-PGE-4	Class E Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$75.77	\$46.20	8.36	
T100-PGE-4-13	Class E Galvanized Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$96.43	\$58.80	8.36	
T100-PGE-4-HP	Class E Ductile Iron, Heelproof Slotted Grate, 1/2 meter	19.69" (500)	\$134.32	\$81.90	8.36	
T100-PGE-4-ADA	Class E Ductile Iron, Longitudinal Grate, 1/2 meter	19.69" (500)	\$134.32	\$81.90	10.70	
T100-PGE-4-ADA-13	Class E Galvanized Ductile Iron, Longitudinal Grate, 1/2 meter	19.69" (500)	\$201.47	\$122.85	10.70	
T100-PGE-3-SBG	Class E Stainless Steel Bar Grate	39.37" (1000)	\$1,367.76	\$417.00	12.00	
T100-PGE-3-SBG-500	Class E Stainless Steel Bar Grate, 1/2 meter	19.69" (500)	\$821.64	\$501.00	7.00	

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)	\$98.00	\$59.76	9.50	
T100-PGF-4-PX-13	Class F Galvanized Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$127.53	\$77.76	9.50	
T100-PGF-4-ADA-PX	Class F Ductile Iron, Longitudinal Grate, 1/2 meter	19.69" (500)	\$173.48	\$105.78	12.00	
T100-PGF-4-ADA-PX-13	Class F Galvanized Ductile Iron, Longitudinal Grate, 1/2 meter	19.69" (500)	\$225.52	\$137.51	12.00	

See page 12 for explanation of ADA compliant grates

See page 12 for explanation of Heelproof compliant grates

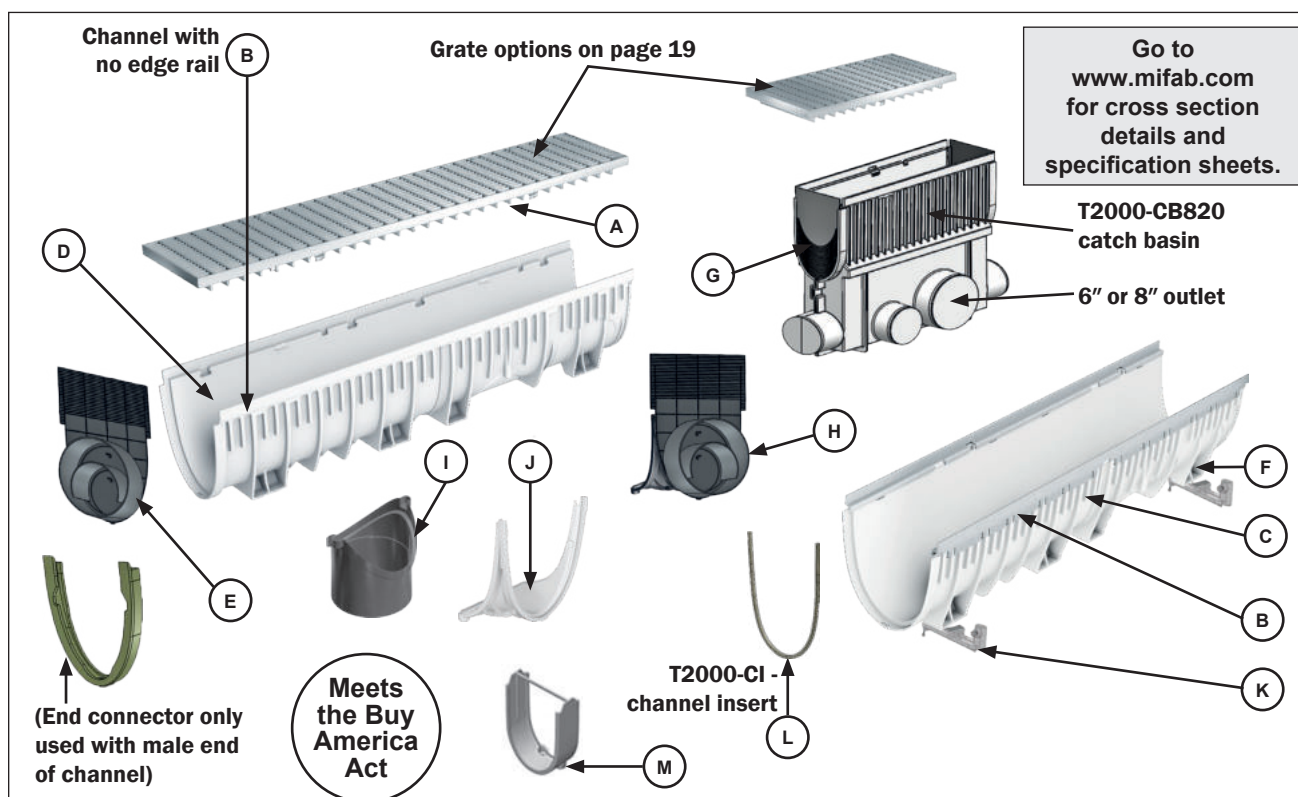
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Visit 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. 46.

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 for 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 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. Two filler plates and one sediment bucket are provided with every catch basin to accept all channel depths.
- H. Side outlet. (Side channel connector and combination outlet).
- I. 4", 6" and 8" 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. T2010-PNCC and T2020-PNCC. Male to male channel connectors for one meter long T2010 and T2020 channels.



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



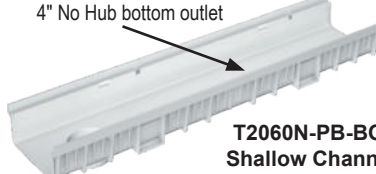
Heelproof grates are designed to resist entry of pointed high heel shoes from entering the trench drain grate opening. ASME Standard A112.6.3, Section 7.12 defines Heelproof as: "A grate designed to resist entry of high-heeled shoes, in which the maximum grate hole size in least dimension shall be 5/16"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

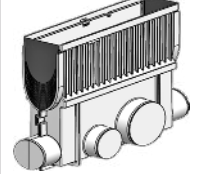
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

T2060 - 8" Internal Width - Shallow Channels
T2060N-PB Shallow Channel

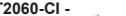

**Meets
the Buy
America
Act**

4" No Hub bottom outlet


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

SCAN FOR
SPEC. SHEETS

**T2000-CB820
Catch Basin**

Go to 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	WEIGHT (LESS GRATE)
Channel Model #	List Price, Each (1 Meter long)	Neutral - 0%		\$15.75 for 2 pieces		GPM	Lbs.
T2060N-PB	\$525.00	Neutral	3.54"	T2060-CI - channel inser	3.94"	260	7.45
T2060N-PB-500 (1/2 Meter long)	\$342.50	Neutral	3.54"	T2060-CI - channel insert for T2060 shallow channels, if required. \$30.00 for bag of 10	3.94"	260	3.73
T2060N-PB-BO4	\$525.00	Neutral	3.54"		3.94"	260	7.45
T2060N-SVF-3	\$157.50	Type 304 Stainless Steel veneer frame for T2060N no edge channels, one meter long.			T2000-PFO-4 ductile iron frame		Load Class F Ductile Iron frame for T2000 and T2060N channels
T2000-PFO-4	\$410.25	Load Class F Ductile Iron frame for T2000 and T2060N no edge channels, one meter long, (two pieces needed per channel) (Available October, 2023)					

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	\$1,187.55	T2000-CB820	\$998.50	T2000-CB820-3	\$1,400.00	T2000-CB820-4	\$1,300.00	Neutral	29.50"	30.30"	82.75
Replacement sediment bucket		T2000-CB820-SB	\$281.40								

NOTE: The T2000-CB820 catch basin includes the sediment bucket and two filler plates to accept all channel depths.

MI-FLEX-400, 600, 800	T2000-PBDS	T2000-PEO End Cap / End Outlet, 4" and 6" socket connection combination	T2000-PBO4 T2000-PBO6 T2000-PBO8 Socket Connection Bottom Outlet 4", 6" or 8"	T2000-REB (Installation Device) Two devices provided with every channel	T2000-SIDE-ADAPT T2000-SIDE-ADAPT - T2000N T2010-SIDE-ADAPT - T2010N T2020-SIDE-ADAPT - T2020N	T2000-SO6 Combination 4" and 6" Side outlet connector & End Outlet assembly T2000-SO6 - T2000N T2010-SO6 - T2010N T2020-SO6 - T2020N	T2060-PEC Closed End Cap for T2060N Channels	MI-4ADAPT 4" PVC x 4" N.P.T. Adapter	T2000-CI - channel insert	T2010-PNCC T2020-PNCC Male to male channel connector (Available June, 2023)

MODEL #	DESCRIPTION	MATERIAL	LIST PRICE	WEIGHT (Lbs.)
MI-FLEX-400	4" Flexible rubber coupling to connect 4" No Hub vertical and horizontal channel outlets to drainage pipe.	Rubber	\$18.00	0.50
MI-FLEX-600	6" Flexible rubber coupling to connect 6" No Hub vertical and horizontal channel outlets to drainage pipe.	Rubber	\$25.00	0.75
MI-FLEX-800	8" Flexible rubber coupling to connect 8" No Hub vertical channel outlet to drainage pipe.	Rubber	\$33.00	0.75
T2000-PBDS	Bottom Outlet Strainer	Stainless Steel	\$107.00	0.20
T2000-PEO	4" and 6" socket connection combination end cap / end outlet and combination front / end cap	Plastic	\$81.00	0.44
T2000-PBO4	4" Socket connection bottom outlet	Plastic	\$81.00	0.44
T2000-PBO6	6" Socket connection bottom outlet	Plastic	\$81.00	0.50
T2000-PBO8	8" Socket connection bottom outlet	Plastic	\$81.00	0.44
T2000-REB	Replacement Installation Device	Plastic	\$47.25	0.22
T2000-SIDE-ADAPT	Side Outlet Adapter for T2000N channel	Plastic	\$80.75	0.60
T2010-SIDE-ADAPT	Side Outlet Adapter for T2010N channel	Plastic	\$80.75	0.60
T2020-SIDE-ADAPT	Side Outlet Adapter for T2020N channel	Plastic	\$80.75	0.60
T2000-SO6	Combination 4" or 6" Side Outlet Connector (T2000-SIDE-ADAPT & T2000-PEO for T2000N)	Plastic	\$161.75	0.44
T2010-SO6	Combination 4" or 6" Side Outlet Connector (T2010-SIDE-ADAPT & T2000-PEO for T2010N)	Plastic	\$161.75	0.44
T2020-SO6	Combination 4" or 6" Side Outlet Connector (T2020-SIDE-ADAPT & T2000-PEO for T2020N)	Plastic	\$161.75	0.44
T2060-PEC	Closed End Cap for T2060N channels	Plastic	\$81.00	0.30
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 38 for application)	Plastic	\$25.00	0.20
T2000-CI	Channel insert to fill expansion gap between channels (if required)	Plastic	\$30.00 / bag of 10	0.10
T2010-PNCC	Male to male channel connector for 1 meter long T2010 channels	Plastic	\$81.00	1.25
T2020-PNCC	Male to male channel connector for 1 meter long T2020 channels	Plastic	\$81.00	1.25

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 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. 46.



Meets the Buy America Act



SCAN FOR SPEC. SHEETS

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

T2000-PB Channel
(with no edge rail)

T2000-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.
T2000N-PB-13	\$750.75	T2000N-PB	\$564.75	T2000N-PB-3	\$1,707.75	T2000N-PB-4	\$975.00	Neutral	8.74"	8.74"	9.53"	9.53"	525	13.23
T2000N-PB-13-500 (half meter long channel)	\$450.50	T2000N-PB-500	\$339.00 (half meter long channel)	T2000N-PB-3-500	\$1,025.00 (half meter long channel)	T2000N-PB-4-500	\$585.00 (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)	\$450.50	T2000N-PB-500-DC	\$339.00 (half meter long channel, direction change)	T2000N-PB-3-500-DC	\$1,025.00 (half meter long channel, direction change)	T2000N-PB-4-500-DC	\$585.00 (half meter long channel, direction change)	Neutral	8.74"	8.74"	9.53"	9.53"	525	7.39
T2001-PB-13	\$750.75	T2001-PB	\$564.75	T2001-PB-3	\$1,707.75	T2001-PB-4	\$975.00	Sloped	8.74"	8.93"	9.53"	9.73"	580	13.36
T2002-PB-13	\$750.75	T2002-PB	\$564.75	T2002-PB-3	\$1,707.75	T2002-PB-4	\$975.00	Sloped	8.93"	9.13"	9.73"	9.93"	605	13.52
T2003-PB-13	\$750.75	T2003-PB	\$564.75	T2003-PB-3	\$1,707.75	T2003-PB-4	\$975.00	Sloped	9.13"	9.33"	9.93"	10.12"	632	13.69
T2004-PB-13	Available May, 2023	T2004-PB	\$564.75	T2004-PB-3	\$1,707.75	T2004-PB-4	\$975.00	Sloped	9.33"	9.53"	10.12"	10.32"	650	13.86
T2005-PB-13	\$750.75	T2005-PB	\$564.75	T2005-PB-3	\$1,707.75	T2005-PB-4	\$975.00	Sloped	9.53"	9.72"	10.32"	10.52"	686	14.03
T2006-PB-13	\$750.75	T2006-PB	\$564.75	T2006-PB-3	\$1,707.75	T2006-PB-4	\$975.00	Sloped	9.72"	9.92"	10.52"	10.71"	715	14.19
T2007-PB-13	\$750.75	T2007-PB	\$564.75	T2007-PB-3	\$1,707.75	T2007-PB-4	\$975.00	Sloped	9.92"	10.12"	10.71"	10.91"	759	14.36
T2008-PB-13	\$750.75	T2008-PB	\$564.75	T2008-PB-3	\$1,707.75	T2008-PB-4	\$975.00	Sloped	10.12"	10.31"	10.91"	11.11"	789	14.53
T2009-PB-13	\$750.75	T2009-PB	\$564.75	T2009-PB-3	\$1,707.75	T2009-PB-4	\$975.00	Sloped	10.31"	10.51"	11.11"	11.30"	819	14.70
T2010-PB-13	\$750.75	T2010-PB	\$564.75	T2010-PB-3	\$1,707.75	T2010-PB-4	\$975.00	Sloped	10.51"	10.71"	11.30"	11.50"	850	14.86
T2010N-PB-13	\$750.75	T2010N-PB	\$564.75	T2010N-PB-3	\$1,707.75	T2010N-PB-4	\$975.00	Neutral	10.71"	10.71"	11.50"	11.50"	850	15.65
T2010N-PB-13-500 (half meter long channel)	\$450.50	T2010N-PB-500	\$339.00 (half meter long channel)	T2010N-PB-3-500	\$1,025.00 (half meter long channel)	T2010N-PB-4-500	\$585.00 (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)	\$450.50	T2010N-PB-500-DC	\$339.00 (half meter long channel, direction change)	T2010N-PB-3-500-DC	\$1,025.00 (half meter long channel, direction change)	T2010N-PB-4-500-DC	\$585.00 (half meter long channel, direction change)	Neutral	10.71"	10.71"	11.50"	11.50"	850	7.83
T2011-PB-13	\$750.75	T2011-PB	\$564.75	T2011-PB-3	\$1,707.75	T2011-PB-4	\$975.00	Sloped	10.71"	10.90"	11.50"	11.70"	881	15.03
T2012-PB-13	\$750.75	T2012-PB	\$564.75	T2012-PB-3	\$1,707.75	T2012-PB-4	\$975.00	Sloped	10.90"	11.10"	11.70"	11.89"	915	15.20
T2013-PB-13	\$750.75	T2013-PB	\$564.75	T2013-PB-3	\$1,707.75	T2013-PB-4	\$975.00	Sloped	11.10"	11.30"	11.89"	12.09"	948	15.37
T2014-PB-13	\$750.75	T2014-PB	\$564.75	T2014-PB-3	\$1,707.75	T2014-PB-4	\$975.00	Sloped	11.30"	11.49"	12.09"	12.29"	983	15.53
T2015-PB-13	Available Sept., 2023	T2015-PB	\$564.75	T2015-PB-3	\$1,707.75	T2015-PB-4	\$975.00	Sloped	11.49"	11.69"	12.29"	12.49"	1018	15.70
T2016-PB-13	\$750.75	T2016-PB	\$564.75	T2016-PB-3	\$1,707.75	T2016-PB-4	\$975.00	Sloped	11.69"	11.89"	12.49"	12.68"	1052	15.87
T2017-PB-13	\$750.75	T2017-PB	\$564.75	T2017-PB-3	\$1,707.75	T2017-PB-4	\$975.00	Sloped	11.89"	12.08"	12.68"	12.88"	1119	16.04
T2018-PB-13	\$750.75	T2018-PB	\$564.75	T2018-PB-3	\$1,707.75	T2018-PB-4	\$975.00	Sloped	12.08"	12.28"	12.88"	13.08"	1155	16.20
T2019-PB-13	\$750.75	T2019-PB	\$564.75	T2019-PB-3	\$1,707.75	T2019-PB-4	\$975.00	Sloped	12.28"	12.48"	13.08"	13.27"	1194	16.37
T2020-PB-13	\$750.75	T2020-PB	\$564.75	T2020-PB-3	\$1,707.75	T2020-PB-4	\$975.00	Sloped	12.48"	12.67"	13.27"	13.47"	1233	16.54
T2020N-PB-13	\$750.75	T2020N-PB	\$564.75	T2020N-PB-3	\$1,707.75	T2020N-PB-4	\$975.00	Neutral	12.67"	12.67"	13.47"	13.47"	1233	17.50
T2020N-PB-13-500 (half meter long channel)	\$450.50	T2020N-PB-500	\$339.00 (half meter long channel)	T2020N-PB-3-500	\$1,025.00 (half meter long channel)	T2020N-PB-4-500	\$585.00 (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)	\$450.50	T2020N-PB-500-DC	\$339.00 (half meter long channel, direction change)	T2020N-PB-3-500-DC	\$1,025.00 (half meter long channel, direction change)	T2020N-PB-4-500-DC	\$585.00 (half meter long channel, direction change)	Neutral	12.67"	12.67"	13.47"	13.47"	1233	8.75

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 (Per Foot)	Weight (Lbs.)	
T200-PGA-13-GM	Class A Galvanized Mesh Grate, 1 meter		39.37" (1000)	\$324.45	\$98.92	13.13
T200-PGA-13-GM-500	Class A Galvanized Mesh Grate, 1/2 meter		19.69" (500)	\$224.35	\$136.80	6.82
T200-PGA-3-SM	Class A Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$1,856.30	\$565.95	13.13
T200-PGA-3-SM-500	Class A Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$1,104.15	\$673.26	6.82

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)	\$365.72	\$111.50	16.02
T200-PGB-13-LS-500	Class B Galvanized Longitudinal Grate, 1/2 meter		19.69" (500)	\$237.86	\$145.04	8.38
T200-PGB-3-WW	Class B Stainless Longitudinal, anti slip WW grate, 1 meter		39.37" (1000)	\$1,856.30	\$565.95	16.32
T200-PGB-3-WW-500	Class B Stainless Longitudinal, anti slip WW grate, 1/2 meter		19.69" (500)	\$1,104.15	\$673.26	8.31

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)	\$692.05	\$211.00	24.33
T200-PGC-13-GM-500	Class C Galvanized Mesh Grate, 1/2 meter		19.69" (500)	\$422.00	\$257.32	11.66
T200-PGC-3-SM	Class C Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$2,282.20	\$695.79	24.33
T200-PGC-3-SM-500	Class C Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$1,470.75	\$896.80	11.66
T200-PGC-13-SD	Class C Galvanized Paverslot Grate, 1 meter		39.37" (1000)	\$364.50	\$111.13	47.08
T200-PGC-13-SD-500	Class C Galvanized Paverslot Grate, 1/2 meter		19.69" (500)	\$295.90	\$180.43	23.54
T200-PGC-13-MU-500	Class C Galvanized Maintenance Unit Paverslot, 1/2 meter		19.69" (500)	\$650.00	\$396.34	43.78
T200-PGC-3-SD	Class C Stainless Steel Paverslot Grate, 1 meter		39.37" (1000)	\$776.75	\$236.81	47.08
T200-PGC-3-SD-500	Class C Stainless Steel Paverslot Grate, 1/2 meter		19.69" (500)	\$584.37	\$356.32	23.54
T200-PGC-3-MU-500	Class C Stainless Steel Maintenance Unit Paverslot, 1/2 meter		19.69" (500)	\$1,225.00	\$746.95	43.78

T200-PGC-4	Class C Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$108.50	\$66.16	13.79
-------------------	---	--	--------------	-----------------	----------------	-------

T200-PGC-4-HP	Class C Ductile Iron, Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$215.25	\$131.25	13.79
----------------------	--	--	--------------	-----------------	-----------------	-------

T200-PGC-4-WVY	Class C Ductile Iron, WAVE Grate, 1/2 meter		19.69" (500)	\$215.25	\$131.25	13.86
-----------------------	---	--	--------------	-----------------	-----------------	-------

T200-PGC-4-BG	Class C Ductile Iron, Bavaria Grate, 1/2 meter		19.69" (500)	\$215.25	\$131.25	13.64
----------------------	--	--	--------------	-----------------	-----------------	-------

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)	\$186.00	\$113.41	19.25
T200-PGE-4-13	Class E Galvanized Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$268.65	\$163.81	19.25

T200-PGE-4-HP	Class E Ductile Iron, Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$268.65	\$163.81	13.79
----------------------	--	--	--------------	-----------------	-----------------	-------

T200-PGE-4-ADA	Class E Ductile Iron, Longitudinal Grate, 1/2 meter		19.69" (500)	\$268.65	\$163.81	21.25
T200-PGE-4-ADA-13	Class E Galvanized Ductile Iron, Longitudinal Grate, 1/2 meter		19.69" (500)	\$449.45	\$274.05	21.25

T200-PGE-3-SBG	Class E Stainless Steel Bar Grate, 1 meter		39.37" (1000)	\$3,198.00	\$975.00	75.00
T200-PGE-3-SBG-500	Class E Stainless Steel Bar Grate, 1/2 meter		19.69" (500)	\$1,918.80	\$1,170.00	40.00

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)	\$195.00	\$118.90	22.00
T200-PGF-4-PX-13	Class F Galvanized Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$275.00	\$167.68	22.00

T200-PGF-4-ADA-PX	Class F Ductile Iron, Longitudinal Grate, 1/2 meter		19.69" (500)	\$290.00	\$176.83	24.00
T200-PGF-4-ADA-PX-13	Class F Galvanized Ductile Iron, Longitudinal Grate, 1/2 meter		19.69" (500)	\$400.00	\$243.90	24.00



See page 16 for explanation of ADA compliant grates



See page 16 for explanation of Heelproof compliant grates

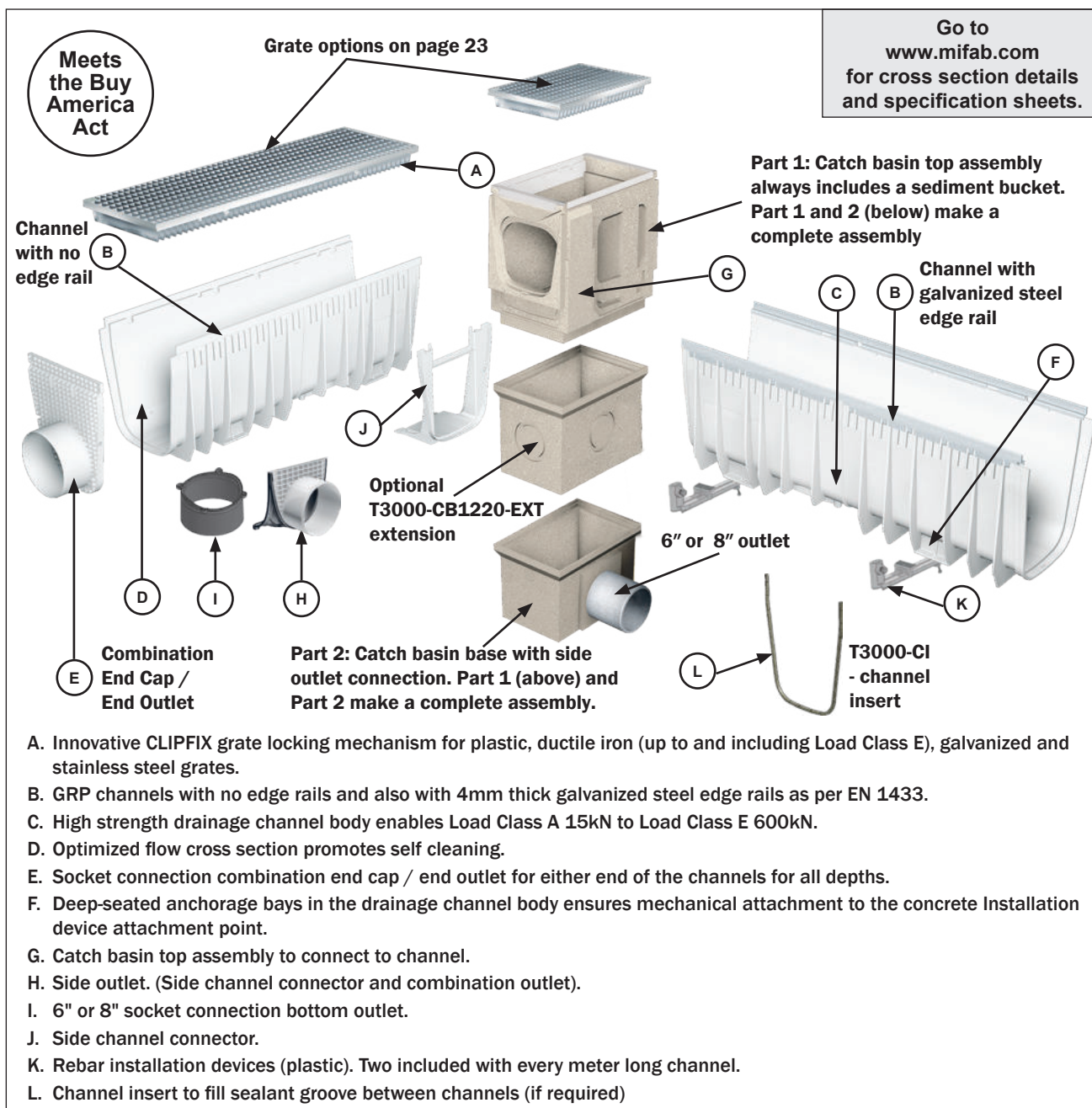
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Visit 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. 46.

T3000 System Components and Feature



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

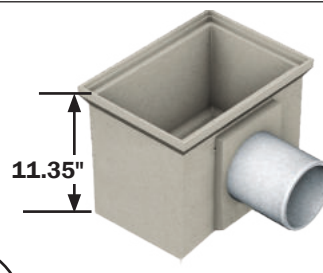
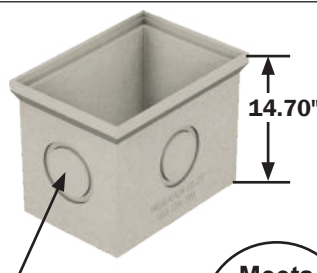
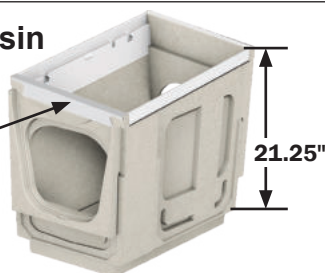


Heelproof grates are designed to resist entry of pointed high heel shoes from entering the trench drain grate opening. ASME Standard A112.6.3, Section 7.12 defines Heelproof as: "A grate designed to resist entry of high-heeled shoes, in which the maximum grate hole size in least dimension shall be 5/16"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



Optional T3000-CB1220-EXT
extension

Meets
the Buy
America
Act

Go to 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) Lbs.
Catch Basin Model #	List Price, Each (1/2 Meter long)	Catch Basin Model #	List Price, Each (1/2 Meter long)			
T3000-CB1220-13-SO6	\$1,626.20	T3000-CB1220-SO6	\$1,345.00	32.45"	32.60"	152.03
T3000-CB1220-13-SO8	\$1,626.20	T3000-CB1220-SO8	\$1,345.00	32.45"	32.60"	152.03
Optional extension piece to install between base & top assembly for deeper inverts.		T3000-CB1220-EXT	\$780.65	13.78"	14.70"	48.50
Replacement sediment bucket.		T3000-CB1220-SB	\$370.65			

NOTE: The T3000-CB1220 catch basin includes the base, top assembly and sediment bucket.

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

MODEL #	DESCRIPTION	MATERIAL	LIST PRICE	WEIGHT (Lbs.)
MI-FLEX-600	6" Flexible rubber coupling to connect 6" No Hub vertical channel outlet to drainage pipe.	Rubber	\$25.00	0.75
MI-FLEX-800	8" Flexible rubber coupling to connect 8" No Hub vertical and horizontal channel outlets to drainage pipe.	Rubber	\$33.00	0.75
T3000-PBDS	Bottom Outlet Strainer	Stainless Steel	\$325.50	0.20
T3000-PEO8	8" socket connection combination end cap / end outlet	Plastic	\$281.50	3.80
T3000-PBO6	6" socket connection bottom outlet	Plastic	\$281.50	0.80
T3000-PBO8	8" socket connection bottom outlet	Plastic	\$281.50	0.80
T3000-REB	Replacement Installation Device	Galvanized Steel	\$55.25	7.50
T3000-SO8	8" Side Outlet Connector	Plastic	\$381.50	1.25
T3000-SIDE-ADAPT	Side Channel adapter	Plastic	\$100.00	1.00
T3000-CI	Channel insert to fill expansion gap between channels (if required)	Plastic	\$30.00 / bag of 10	0.10

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 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. 46.

T3000 GRP Channels

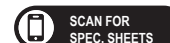


T3000-PB-13 Channel
(with galvanized steel edge rail)

Meets
the Buy
America
Act



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.
T3000N-PB-13	\$930.00	T3000N-PB	\$697.50	Neutral	14.17"	15.63"	3245	26.01
T3000N-PB-500-13	\$557.50 (half meter long channel)	T3000N-PB-500	\$418.50 (half meter long channel)	Neutral	14.17"	15.63"	3245	15.12
T3000N-PB-500-DC-13	\$557.50 (half meter long channel, direction change)	T3000N-PB-500-DC	\$418.50 (half meter long channel, direction change)	Neutral	14.17"	15.63"	3245	15.12

T2000-CB2024 - 20" x 24" Catch Basin for T1400, T2000 & T3000 Channels

Made in USA.
Meets the Buy
America Act.

Powder epoxy coated Steel Frame (Included)

Powder epoxy coated steel sediment bucket (Optional)

Outlet and channel adapter can be secured using an appropriate adhesive for fiberglass

Fiberglass No Hub side outlet: 6", 8", 10" or 12"

T300-PG grates (Refer to page 23 for grate selection and pricing)

Removable cross bar

Fiberglass adapter available to receive T1400, T2000 and T3000 channels (Optional)

Fiberglass Catch Basin 20" X 24" x 26" deep

Suggested adhesives for fiberglass



GORILLA Construction
Adhesive: Heaby Duty, 9 fl oz, Cartridge, White



LOCTITE Construction
Adhesive: Power Grab, 10 fl oz, Cartridge, White

OPTIONAL VARIATIONS	
MODEL #	LIST PRICE
Powder epoxy coated steel sediment bucket (Part # T2000-CB2024-SB)	\$371.00
Stainless Steel Sediment Bucket (Part # T2000-CB2024-SB-3)	\$1,010.00

CHANNEL ADAPTERS	
MODEL #	LIST PRICE
T1400-CB2024-ADAPT	\$108.00
T2000-CB2024-ADAPT	\$108.00
T3000-CB2024-ADAPT	\$108.00

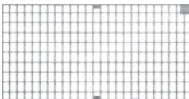
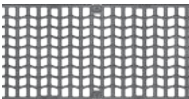
MODEL #	LIST PRICE
T2000-CB2024 (includes powder epoxy coated steel frame. Grates not included)	\$1,428.00

OUTLET CONNECTIONS	
MODEL #	LIST PRICE
T2000-CB2024-PEO6 - 6"	\$40.00
T2000-CB2024-PEO8 - 8"	\$40.00
T2000-CB2024-PEO10 - 10"	\$40.00
T2000-CB2024-PEO12 - 12"	\$40.00

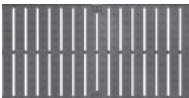
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



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

Grate Part #	Description		Length (MM)	List Price	List Price (Per Foot)	Weight (Lbs.)	
T300-PGC-13-GM	Class C Galvanized Mesh Grate, 1 meter		39.37" (1000)	\$1,395.20	\$425.37	68.53	
T300-PGC-13-GM-500	Class C Galvanized Mesh Grate, 1/2 meter		19.69" (500)	\$669.50	\$408.23	36.82	
T300-PGC-3-SM	Class C Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$2,949.20	\$899.15	68.53	
T300-PGC-3-SM-500	Class C Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$2,326.30	\$1,418.48	36.82	
T300-PGC-4	Class C Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$136.00	\$82.93	29.23	
T300-PGC-4-HP	Class C Ductile Iron, Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$223.85	\$136.49	29.23	
T300-PGC-4-WVY	Class C Ductile Iron, WAVE Grate, 1/2 meter		19.69" (500)	\$412.85	\$251.74	34.10	

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)	\$248.00	\$151.22	42.02	
T300-PGE-4-13	Class E Galvanized Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$300.00	\$182.93	42.02	
T300-PGE-4-HP	Class E Ductile Iron, Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$372.00	\$226.83	42.02	
T300-PGE-4-ADA	Class E Ductile Iron, Longitudinal Slotted Grate, 1/2 meter		19.69" (500)	\$372.00	\$226.83	63.80	
T300-PGE-4-ADA-13	Class E Galvanized Ductile Iron, Longitudinal Slotted Grate, 1/2 meter		19.69" (500)	\$450.00	\$274.39	63.80	
T300-PGE-3-SBG	Class E Stainless Steel Bar Grate, 1 meter		39.37" (1000)	\$3,950.00	\$1,204.27	100.00	
T300-PGE-3-SBG-500	Class E Stainless Steel Bar Grate, 1/2 meter		19.69" (500)	\$2,397.00	\$1,461.59	60.00	
T300-SCE-4	Class E Ductile Iron Solid Cover, 1/2 meter		19.69" (500)	\$372.50	\$227.13	66.00	



See page 20 for explanation of ADA compliant grates



See page 20 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.

Visit 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

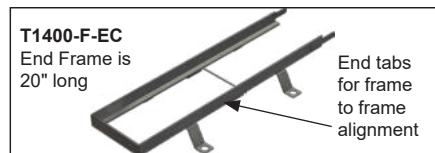
MIFAB®, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA
All sales subject to MIFAB's Terms and Warranties, please refer to page no. 46.

T1400-F - 4" Internal Width, Frame

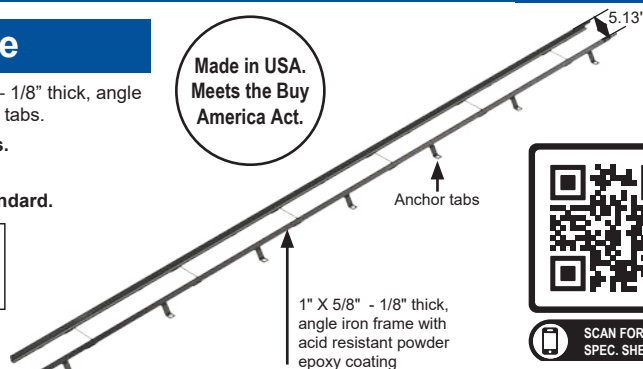
SPECIFICATION: MIFAB® Series T1400-F, 4" internal width 1" X 5/8" – 1/8" thick, angle iron frame with acid resistant powder epoxy coating and 1" X 3" anchor tabs.

Frames can accommodate all T100 Series ClipFix self locking grates.

Note: Must order in 20" long increments. 10' long sections are standard.



Frames are
manufactured
per order.



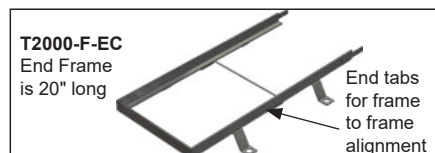
Model Number	Description	List Price
T1400-F	4" internal width, powder epoxy coated steel frame	\$137.50/ Foot
T1400-F-13	4" internal width, galvanized steel frame	\$235.00/ Foot
T1400-F-EC	4" internal width, powder epoxy coated steel end frame, with two securing screws	\$55.25, each
T1400-F-EC-13	4" internal width, galvanized steel end frame, with two securing screws	\$88.25, each

T2000-F - 8" Internal Width, Frame

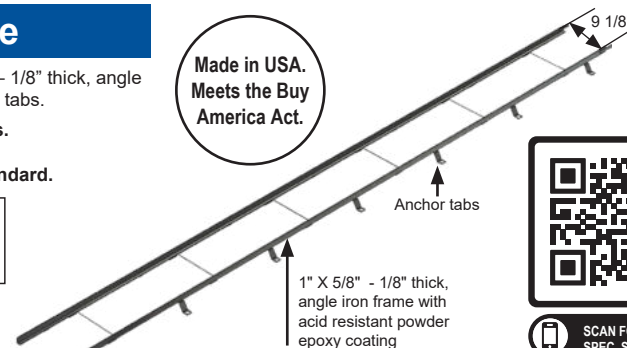
SPECIFICATION: MIFAB® Series T2000-F, 8" internal width 1" X 5/8" – 1/8" thick, angle iron frame with acid resistant powder epoxy coating and 1" X 3" anchor tabs.

Frames can accommodate all T200 Series ClipFix self locking grates.

Note: Must order in 20" long increments. 10' long sections are standard.



Frames are
manufactured
per order.

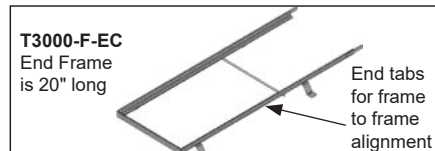


Model Number	Description	List Price
T2000-F	8" internal width, powder epoxy coated steel frame	\$237.25/ Foot
T2000-F-13	8" internal width, galvanized steel frame	\$293.50/ Foot
T2000-F-EC	8" internal width, powder epoxy coated steel end frame, with two securing screws	\$99.25, each
T2000-F-EC-13	8" internal width, galvanized steel end frame, with two securing screws	\$132.25, each

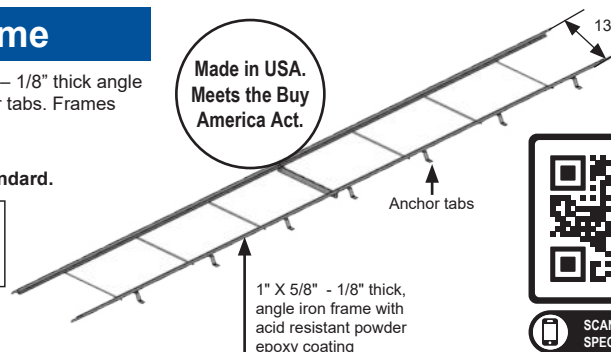
T3000-F – 12" Internal Width, Frame

SPECIFICATION: MIFAB® Series T3000-F, 12" internal width, 1 x 5/8" – 1/8" thick angle iron frame with acid resistant powder epoxy coating and 1" x 3" anchor tabs. Frames can accommodate all T300 Series ClipFix self locking grates.

Note: Must order in 20" long increments. 10' long sections are standard.



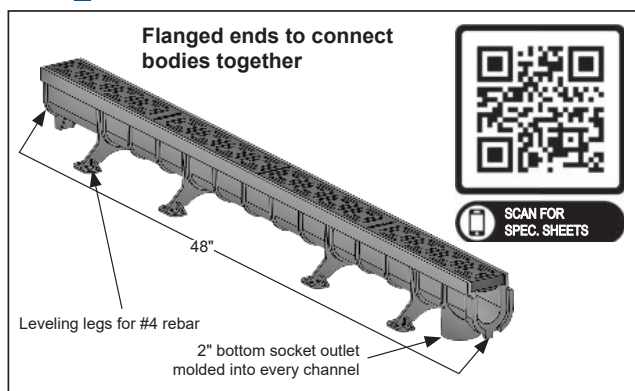
Frames are
manufactured
per order.



Model Number	Description	List Price
T3000-F	12" internal width, powder epoxy coated steel frame	\$304.00/ Foot
T3000-F-13	12" internal width, galvanized steel frame	\$361.00/ Foot
T3000-F-EC	12" internal width, powder epoxy coated steel end frame, with two securing screws	\$150.00, each
T3000-F-EC-13	12" internal width, galvanized steel end frame, with two securing screws	\$200.00, each

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.



SPECIFICATION:

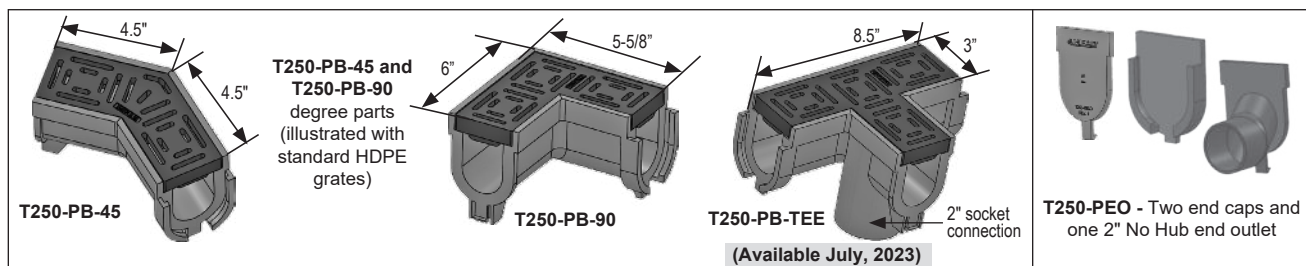
MIFAB® Series T250, 2" Internal width, 3" deep, 48" long, non sloped channel with two 24" long HDPE grates. Channel is manufactured from gray UV-10 stabilized High Density Polyethylene (H.D.P.E.). Each channel has leveling legs for #4 rebar tie down and leveling. Channels have interlocking ends to connect 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.	\$201.60

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

Grates		
Part Number	Description	List Price, Per 48" piece, Add
T250-PGA-3-DA	Stainless Steel, Decorative grate - Class A, 48" long	\$1067.75
T250-PGA-3-WW	Stainless Steel, Wedgewire grate - Class A, 48" long	\$1374.50
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)	\$27.50
MI-FLEX-200	2" Flexible rubber coupling to connect 2" No Hub end outlet to drainage pipe	\$13.75

45° and 90° Degree Fabrications		
Part Number	Description	List Price, Each
T250-PB-45-HPP	45° Degree Channel Section with HDPE grate, Class A	\$58.50
T250-PB-90-HPP	90° Degree Channel Section with HDPE grate, Class A	\$58.50
T250-PB-TEE-HPP	Tee Channel Section with HDPE grate, Class A (Available July, 2023)	\$117.00
T250-PB-45-3-DA	45° Degree Channel Section with Stainless Steel, Decorative grate, Class A	\$145.00
T250-PB-90-3-DA	90° Degree Channel Section with Stainless Steel, Decorative grate, Class A	\$145.00
T250-PB-TEE-DA	Tee Channel Section with Stainless Steel, Decorative grate, Class A (Available July, 2023)	\$290.00
T250-PB-45-3-WW	45° Degree Channel Section with Stainless Steel, Wedgewire grate, Class A	\$284.50
T250-PB-90-3-WW	90° Degree Channel Section with Stainless Steel, Wedgewire grate, Class A	\$284.50
T250-PB-TEE-WW	Tee Channel Section with Stainless Steel, Wedgewire grate, Class A (Available July, 2023)	\$425.00



Grates for T250 Trench Drain System



T250-PGA-3-DA



T250-PGA-3-WW



T250-PGA-HPP (2 required per channel)

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

Note: Custom grate designs are available. Contact MIFAB®

Go to www.mifab.com for the T250 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.

Visit 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

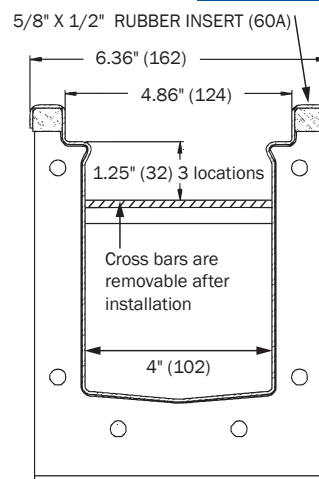
MIFAB®, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA
All sales subject to MIFAB®'s Terms and Warranties, please refer to page no. 46.



Made in USA.
Meets the Buy
America Act.



SCAN FOR
SPEC. SHEETS



ACCESSORIES

		LIST PRICE (ADD)
-6	Vandal Proof grates (center lockdown)	\$13.75
-7MG	MI-GARD Trap Seal Protection device (3" or 4")	\$92.65
-20	Bottom outlet strainer	\$399.00
-45	45° Degree fabricated body (T1330-45)	\$1,103.00
-90	90° Degree fabricated body (T1330-90)	\$1,654.00
-TEE	Tee fabricated body	\$2,205.00
-FLC	Membrane Clamp (includes anchor flange)	\$240.50 / foot
-CB	Catch Basin (Part # P6060-CB620) (1/2 meter long, w/sediment bucket, transition plates and hardware kit)	\$2,591.00
-CF	Cross fabricated body	\$2,205.00
-PEC	Closed End Cap (T1330-PEC)	\$220.50
-PEO	3" or 4" No Hub End Outlet (T1330-PEO3, T1330-PEO4)	\$220.50
-FL	Anchor (waterproofing) flange	\$145.75 / foot
MI-FLEX-300	3" Flexible rubber coupling to connect 3" No Hub vertical and horizontal channel outlets to drainage pipe	\$15.75
MI-FLEX-400	4" Flexible rubber coupling to connect 4" No Hub vertical and horizontal channel outlets to drainage pipe	\$18.00

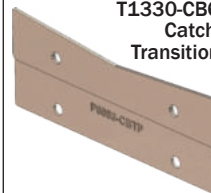
SPECIFICATION:

MIFAB® Series T1330, 4" internal width, 16 gauge fabricated, powder epoxy coated steel presloped trench drain (1%) with optional grates (see page 27). 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.**



**T1330-CB620-TP
Catch Basin
Transition Plate**



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

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



**T1330-CB620-TP
Catch Basin
Transition Plate**



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"	\$2,376.00	\$362.20
T1331N	78.74" (2m)	4.78"	4.78"	\$2,376.00	\$362.20
T1331N-B03	78.74" (2m) (w/3" BO)	4.78"	4.78"	\$2,376.00	\$362.20
T1331N-B04	78.74" (2m) (w/4" BO)	4.78"	4.78"	\$2,376.00	\$362.20
T1331N-1M	39.37" (1m)	4.78"	4.78"	\$1,188.00	\$362.20
T1332	78.74" (2m)	4.78"	5.56"	\$2,376.00	\$362.20
T1333	78.74" (2m)	5.56"	6.34"	\$2,376.00	\$362.20
T1333N	78.74" (2m)	6.34"	6.34"	\$2,376.00	\$362.20
T1333N-B03	78.74" (2m) (w/3" BO)	6.34"	6.34"	\$2,376.00	\$362.20
T1333N-B04	78.74" (2m) (w/4" BO)	6.34"	6.34"	\$2,376.00	\$362.20
T1333N-1M	39.37" (1m)	6.34"	6.34"	\$1,188.00	\$362.20
T1334	78.74" (2m)	6.34"	7.12"	\$2,376.00	\$362.20
T1335	78.74" (2m)	7.12"	7.9"	\$2,376.00	\$362.20
T1335N	78.74" (2m)	7.9"	7.9"	\$2,376.00	\$362.20
T1335N-B03	78.74" (2m) (w/3" BO)	7.9"	7.9"	\$2,376.00	\$362.20
T1335N-B04	78.74" (2m) (w/4" BO)	7.9"	7.9"	\$2,376.00	\$362.20
T1335N-1M	39.37" (1m)	7.9"	7.9"	\$1,188.00	\$362.20

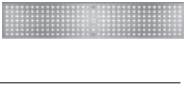
NOTE: Flow rate information per channel section is available on the www.mifab.com website

NOTE: Custom 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 (Lbs.)	
T100-PGA-13-FP	Class A Galvanized Perforated Grate, 1 meter	39.37" (1000)	\$37.88	\$11.55	3.85	
T100-PGA-13-FP-500	Class A Galvanized Perforated Grate, 1/2 meter	19.69" (500)	\$22.73	\$13.86	2.09	
T100-PGA-3-FP	Class A Stainless Steel Perforated Grate, 1 meter	39.37" (1000)	\$223.86	\$68.25	3.85	
T100-PGA-3-FP-500	Class A Stainless Steel Perforated Grate, 1/2 meter	19.69" (500)	\$134.32	\$81.90	2.09	
T100-PGA-13-FS	Class A Galvanized Slotted Grate, 1 meter	39.37" (1000)	\$37.88	\$11.55	3.08	
T100-PGA-13-FS-500	Class A Galvanized Slotted Grate, 1/2 meter	19.69" (500)	\$22.73	\$13.86	2.86	
T100-PGA-3-FS	Class A Stainless Steel Slotted Grate, 1 meter	39.37" (1000)	\$223.86	\$68.25	3.12	
T100-PGA-3-FS-500	Class A Stainless Steel Slotted Grate, 1/2 meter	19.69" (500)	\$134.32	\$81.90	2.42	
T100-PGA-3-SM	Class A Stainless Steel Mesh Grate, 1 meter	39.37" (1000)	\$327.45	\$99.83	5.72	
T100-PGA-3-SM-500	Class A Stainless Steel Mesh Grate, 1/2 meter	19.69" (500)	\$187.97	\$114.62	3.08	
T100-PGA-HPP-BLK	Class A Plastic Longitudinal, Slotted Black Grate, 1/2 meter	19.69" (500)	\$49.77	\$30.35	1.80	
T100-PGA-HPP-GRY	Class A Plastic Longitudinal, Slotted Grey Grate, 1/2 meter	19.69" (500)	\$49.77	\$30.35	1.80	

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)	\$161.79	\$49.33	8.80	
T100-PGB-13-LS-500	Class B Galvanized Longitudinal Grate, 1/2 meter	19.69" (500)	\$89.87	\$54.80	4.37	
T100-PGB-3-WW	Class B Stainless Steel Longitudinal, anti slip, WW Grate, 1 meter	39.37" (1000)	\$1,118.51	\$341.01	8.80	
T100-PGB-3-WW-500	Class B Stainless Steel Longitudinal, anti slip, WW Grate, 1/2 meter	19.69" (500)	\$792.15	\$483.02	4.37	

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)	\$261.74	\$79.80	9.04	
T100-PGC-13-FP-500	Class C Galvanized Perforated Grate, 1/2 meter	19.69" (500)	\$157.05	\$95.76	4.51	
T100-PGC-3-FP	Class C Stainless Steel Perforated Grate, 1 meter	39.37" (1000)	\$526.93	\$160.65	9.04	
T100-PGC-3-FP-500	Class C Stainless Steel Perforated Grate, 1/2 meter	19.69" (500)	\$316.16	\$192.78	4.51	
T100-PGC-13-FS	Class C Galvanized Slotted Grate, 1 meter	39.37" (1000)	\$261.74	\$79.80	9.68	
T100-PGC-13-FS-500	Class C Galvanized Slotted Grate, 1/2 meter	19.69" (500)	\$157.05	\$95.76	4.59	
T100-PGC-3-FS	Class C Stainless Steel Slotted Grate, 1 meter	39.37" (1000)	\$526.93	\$160.65	9.32	
T100-PGC-3-FS-500	Class C Stainless Steel Slotted Grate, 1/2 meter	19.69" (500)	\$316.16	\$192.78	4.62	
T100-PGC-13-GM	Class C Galvanized Mesh Grate, 1 meter	39.37" (1000)	\$272.08	\$82.95	11.50	
T100-PGC-13-GM-500	Class C Galvanized Mesh Grate, 1/2 meter	19.69" (500)	\$163.24	\$99.54	5.80	
T100-PGC-3-SM	Class C Stainless Steel Mesh Grate, 1 meter	39.37" (1000)	\$852.53	\$259.92	11.50	
T100-PGC-3-SM-500	Class C Stainless Steel Mesh Grate, 1/2 meter	19.69" (500)	\$612.98	\$373.77	5.80	
T100-PGC-13-SD	Class C Galvanized Paverslot Grate, 1 meter	39.37" (1000)	\$245.00	\$74.70	10.25	
T100-PGC-13-SD-500	Class C Galvanized Paverslot Grate, 1/2 meter	19.69" (500)	\$166.45	\$101.49	5.23	
T100-PGC-13-SD-MU-500	Class C Galvanized Maintenance Unit Paverslot, 1/2 meter	19.69" (500)	\$433.27	\$264.19	7.43	
T100-PGC-3-SD	Class C Stainless Steel Paverslot Grate, 1 meter	39.37" (1000)	\$447.00	\$136.28	10.07	
T100-PGC-3-SD-500	Class C Stainless Steel Paverslot Grate, 1/2 meter	19.69" (500)	\$261.62	\$159.52	5.06	
T100-PGC-3-SD-MU-500	Class C Stainless Steel Maintenance Unit Paverslot, 1/2 meter	19.69" (500)	\$816.40	\$497.80	7.43	
T100-PGC-HPP	Class C Black Plastic Slotted Grate, 1/2 meter	19.69" (500)	\$206.64	\$126.00	2.35	
T100-PGC-4	Class C Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$46.49	\$28.35	7.26	
T100-PGC-4-HP	Class C Ductile Iron, Heelproof Slotted Grate, 1/2 meter	19.69" (500)	\$89.30	\$54.45	7.26	
T100-PGC-4-WVY	Class C Ductile Iron, WAVE Grate, 1/2 meter	19.69" (500)	\$89.54	\$54.60	10.12	
T100-PGC-4-BG	Class C Ductile Iron, Bavaria Grate, 1/2 meter	19.69" (500)	\$89.54	\$54.60	6.60	
T100-SCC-4	Class C Ductile Iron Solid Cover, 1/2 meter	19.69" (500)	\$89.54	\$54.60	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)	\$220.58	\$67.25	9.68	
T100-PGE-13-FS-500	Class E Galvanized Slotted Grate, 1/2 meter	19.69" (500)	\$141.67	\$86.38	4.59	
T100-PGE-3-FS	Class E Stainless Steel Slotted Grate, 1 meter	39.37" (1000)	\$706.13	\$215.28	9.32	
T100-PGE-3-FS-500	Class E Stainless Steel Slotted Grate, 1/2 meter	19.69" (500)	\$423.69	\$258.35	4.62	
T100-PGE-4	Class E Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$75.77	\$46.20	8.36	
T100-PGE-4-13	Class E Galvanized Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$96.43	\$58.80	8.36	
T100-PGE-4-HP	Class E Ductile Iron, Heelproof Slotted Grate, 1/2 meter	19.69" (500)	\$134.32	\$81.90	8.36	
T100-PGE-4-ADA	Class E Ductile Iron, Longitudinal Grate, 1/2 meter	19.69" (500)	\$134.32	\$81.90	10.70	
T100-PGE-4-ADA-13	Class E Galvanized Ductile Iron, Longitudinal Grate, 1/2 meter	19.69" (500)	\$201.47	\$122.85	10.70	
T100-PGE-3-SBG	Class E Stainless Steel Bar Grate	39.37" (1000)	\$1,367.76	\$417.00	12.00	
T100-PGE-3-SBG-500	Class E Stainless Steel Bar Grate, 1/2 meter	19.69" (500)	\$821.64	\$501.00	7.00	

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)	\$98.00	\$59.76	9.50	
T100-PGF-4-PX-13	Class F Galvanized Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$127.53	\$77.76	9.50	
T100-PGF-4-PX-ADA	Class F Ductile Iron, Longitudinal Grate, 1/2 meter	19.69" (500)	\$173.48	\$105.78	12.00	
T100-PGF-4-PX-ADA-13	Class F Galvanized Ductile Iron, Longitudinal Grate, 1/2 meter	19.69" (500)	\$225.52	\$137.51	12.00	

 See page 12 for explanation of ADA compliant grates

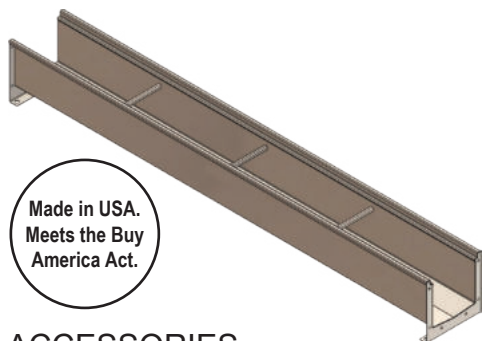
 See page 12 for explanation of Heelproof compliant grates

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

Visit 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

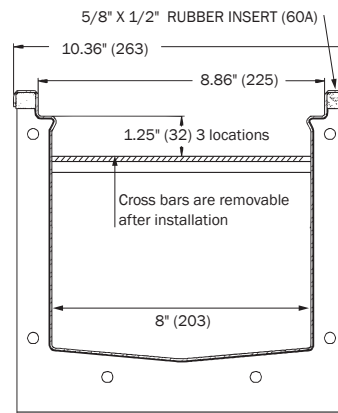
MIFAB®, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA
All sales subject to MIFAB's Terms and Warranties, please refer to page no. 46.



Made in USA.
Meets the Buy
America Act.



SCAN FOR
SPEC. SHEETS



ACCESSORIES

		LIST PRICE (ADD)
-6	Vandal Proof grates (center lockdown)	\$13.75
-7MG	MI-GARD Trap Seal Protection device (4" or 6")	\$92.65
-20	Bottom outlet strainer	\$399.00
-45	45° Degree fabricated body (T1360-45)	\$1,654.00
-90	90° Degree fabricated body (T1360-90)	\$2,205.00
-TEE	Tee fabricated body	\$2,756.25
-FLC	Membrane Clamp (includes anchor flange)	\$265.75 / foot
-CB	Catch Basin (Part # P6080-CB820) (1/2 meter long, w/sediment bucket, transition plates and hardware kit)	\$3,308.00
-CF	Cross fabricated body	\$2,756.25
-PEC	Closed End Cap (T1360-PEC)	\$248.00
-PEO	4", 6" or 8" No Hub End Outlet (T1360-PE04, T1360- PE06, T1330-PE08)	\$248.00
-FL	Anchor (waterproofing) flange	\$176.40 / foot
MI-FLEX-400	4" Flexible rubber coupling to connect 4" No Hub vertical and horizontal channel outlets to drainage pipe	\$18.00
MI-FLEX-600	6" Flexible rubber coupling to connect 6" No Hub vertical and horizontal channel outlets to drainage pipe	\$25.00
MI-FLEX-800	8" Flexible rubber coupling to connect 8" No Hub vertical and horizontal channel outlets to drainage pipe	\$33.00

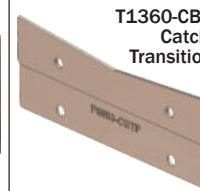
SPECIFICATION:

MIFAB® Series T1360, 8" internal width, 16 gauge fabricated, powder epoxy coated steel presloped trench drain (1%) with optional grates (see page 29). 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-CB820-TP
Catch Basin
Transition Plate



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.



T1360-CB820-TP
Catch Basin
Transition Plate



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"	\$2,856.25	\$435.40
T1361N	78.74" (2m)	6.78"	6.78"	\$2,856.25	\$435.40
T1361N-B04	78.74" (2m) (w/4" BO)	6.78"	6.78"	\$2,856.25	\$435.40
T1361N-B06	78.74" (2m) (w/6" BO)	6.78"	6.78"	\$2,856.25	\$435.40
T1361N-B08	78.74" (2m) (w/8" BO)	6.78"	6.78"	\$2,856.25	\$435.40
T1361-1M	39.37" (1m)	6.78"	6.78"	\$1,428.40	\$435.40
T1362	78.74" (2m)	6.78"	7.56"	\$2,856.25	\$435.40
T1363	78.74" (2m)	7.56"	8.34"	\$2,856.25	\$435.40
T1363N	78.74" (2m)	8.34"	8.34"	\$2,856.25	\$435.40
T1363N-B04	78.74" (2m) (w/4" BO)	8.34"	8.34"	\$2,856.25	\$435.40
T1363N-B06	78.74" (2m) (w/6" BO)	8.34"	8.34"	\$2,856.25	\$435.40
T1363N-B08	78.74" (2m) (w/8" BO)	8.34"	8.34"	\$2,856.25	\$435.40
T1363N-1M	39.37" (1m)	8.34"	8.34"	\$1,428.40	\$435.40
T1364	78.74" (2m)	8.34"	9.12"	\$2,856.25	\$435.40
T1365	78.74" (2m)	9.12"	9.9"	\$2,856.25	\$435.40
T1365N	78.74" (2m)	9.9"	9.9"	\$2,856.25	\$435.40
T1365N-B04	78.74" (2m) (w/4" BO)	9.9"	9.9"	\$2,856.25	\$435.40
T1365N-B06	78.74" (2m) (w/6" BO)	9.9"	9.9"	\$2,856.25	\$435.40
T1365N-B08	78.74" (2m) (w/8" BO)	9.9"	9.9"	\$2,856.25	\$435.40
T1365N-1M	39.37" (1m)	9.9"	9.9"	\$1,428.40	\$435.40

NOTE: Flow rate information per channel section is available on the www.mifab.com website

NOTE: Custom 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 (Per Foot)	Weight (Lbs.)	
T200-PGA-13-GM	Class A Galvanized Mesh Grate, 1 meter		39.37" (1000)	\$324.45	\$98.92	13.13
T200-PGA-13-GM-500	Class A Galvanized Mesh Grate, 1/2 meter		19.69" (500)	\$224.35	\$136.80	6.82
T200-PGA-3-SM	Class A Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$1,856.30	\$565.95	13.13
T200-PGA-3-SM-500	Class A Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$1,104.15	\$673.26	6.82

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)	\$365.72	\$111.50	16.02
T200-PGB-13-LS-500	Class B Galvanized Longitudinal Grate, 1/2 meter		19.69" (500)	\$237.86	\$145.04	8.38
T200-PGB-3-WW	Class B Stainless Longitudinal, anti slip WW grate, 1 meter		39.37" (1000)	\$1,856.30	\$565.95	16.32
T200-PGB-3-WW-500	Class B Stainless Longitudinal, anti slip WW grate, 1/2 meter		19.69" (500)	\$1,104.15	\$673.26	8.31

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)	\$692.05	\$211.00	24.33
T200-PGC-13-GM-500	Class C Galvanized Mesh Grate, 1/2 meter		19.69" (500)	\$422.00	\$257.32	11.66
T200-PGC-3-SM	Class C Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$2,282.20	\$695.79	24.33
T200-PGC-3-SM-500	Class C Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$1,470.75	\$896.80	11.66
T200-PGC-13-SD	Class C Galvanized Paverslot Grate, 1 meter		39.37" (1000)	\$364.50	\$111.13	47.08
T200-PGC-13-SD-500	Class C Galvanized Paverslot Grate, 1/2 meter		19.69" (500)	\$295.90	\$180.43	23.54
T200-PGC-13-MU-500	Class C Galvanized Maintenance Unit Paverslot, 1/2 meter		19.69" (500)	\$650.00	\$396.34	43.78
T200-PGC-3-SD	Class C Stainless Steel Paverslot Grate, 1 meter		39.37" (1000)	\$776.75	\$236.81	47.08
T200-PGC-3-SD-500	Class C Stainless Steel Paverslot Grate, 1/2 meter		19.69" (500)	\$584.37	\$356.32	23.54
T200-PGC-3-MU-500	Class C Stainless Steel Maintenance Unit Paverslot, 1/2 meter		19.69" (500)	\$1,225.00	\$746.95	43.78

T200-PGC-4	Class C Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$108.50	\$66.16	13.79
-------------------	---	--	--------------	----------	---------	-------

T200-PGC-4-HP	Class C Ductile Iron, Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$215.25	\$131.25	13.79
----------------------	--	--	--------------	----------	----------	-------

T200-PGC-4-WVY	Class C Ductile Iron, WAVE Grate, 1/2 meter		19.69" (500)	\$215.25	\$131.25	13.86
-----------------------	---	--	--------------	----------	----------	-------

T200-PGC-4-BG	Class C Ductile Iron, Bavaria Grate, 1/2 meter		19.69" (500)	\$215.25	\$131.25	13.64
----------------------	--	--	--------------	----------	----------	-------

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)	\$186.00	\$113.41	19.25
T200-PGE-4-13	Class E Galvanized Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$268.65	\$163.81	19.25

T200-PGE-4-HP	Class E Ductile Iron, Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$268.65	\$163.81	13.79
----------------------	--	--	--------------	----------	----------	-------

T200-PGE-4-ADA	Class E Ductile Iron, Longitudinal Grate, 1/2 meter		19.69" (500)	\$268.65	\$163.81	21.25
T200-PGE-4-ADA-13	Class E Galvanized Ductile Iron, Longitudinal Grate, 1/2 meter		19.69" (500)	\$449.45	\$274.05	21.25

T200-PGE-3-SBG	Class E Stainless Steel Bar Grate, 1 meter		39.37" (1000)	\$3,198.00	\$975.00	75.00
T200-PGE-3-SBG-500	Class E Stainless Steel Bar Grate, 1/2 meter		19.69" (500)	\$1,918.80	\$1,170.00	40.00

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)	\$528.75	\$322.41	22.00
T200-PGF-4-PX-13	Class F Galvanized Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$610.75	\$372.41	22.00

T200-PGF-4-ADA-PX	Class F Ductile Iron, Longitudinal Grate, 1/2 meter		19.69" (500)	\$763.52	\$465.56	24.00
T200-PGF-4-ADA-PX-13	Class F Galvanized Ductile Iron, Longitudinal Grate, 1/2 meter		19.69" (500)	\$881.93	\$537.76	24.00



See page 16 for explanation of ADA compliant grates



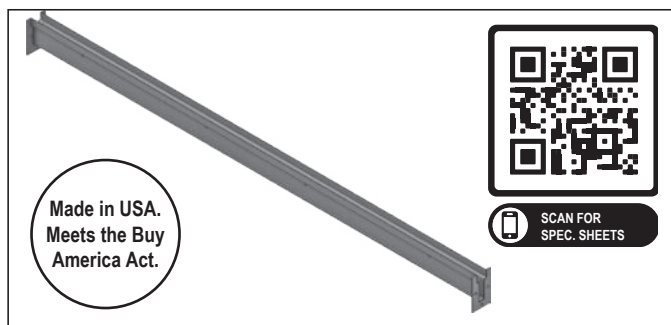
See page 16 for explanation of Heelproof compliant grates

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

Visit 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. 46.


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
T5000-158-PB	1 5/8" wide, 3 7/8" deep, 14 gauge aluminum channel only	\$440.00

Grates (all 40" long. One grate required per body section)		
Order Guide Suffix	Description	List Price, Per Foot, add prices below to channel price
-PGA-AL	Aluminum decorative slotted grate - Class A, 40" long	\$110.25
-PGA-AW	Aluminum wire grate - Class A, 40" long	\$786.00
-PGA-SS	Stainless Steel, Decorative grate - Class A, 40" long	\$325.25
-PGB-WW	Stainless Steel, Wedgewire grate - Class A, 40" long	\$325.25
End Caps / Outlets / Accessories		
Order Guide Suffix	Description	List Price, Each, Add
-PEC	Closed end cap	\$225.75
-PEO2	2" no hub end outlet	\$197.50
-PBO2	2" no hub bottom outlet	\$197.50
MI-FLEX-200	2" Flexible rubber coupling to connect 2" No Hub vertical and horizontal channel outlets to drainage pipe	\$13.75

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° 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	\$44.00
-PB-45-AL	45° Degree Channel Section with Aluminum decorative slotted grate	\$548.00
-PB-90-AL	90° Degree Channel Section with Aluminum decorative slotted grate	\$548.00
-PB-45-AW	45° Degree Channel Section with Aluminum wire grate	\$708.00
-PB-90-AW	90° Degree Channel Section with Aluminum wire grate	\$708.00
-PB-45-SS	45° Degree Channel Section with Stainless Steel Decorative grate	\$606.50
-PB-90-SS	90° Degree Channel Section with Stainless Steel Decorative grate	\$606.50
-PB-45-WW	45° Degree Channel Section with Stainless Steel Wedgewire grate	\$578.75
-PB-90-WW	90° Degree Channel Section with Stainless Steel Wedgewire grate	\$578.75
-TEE	Tee Fabrication	\$548.00
-CF	Cross Fabrication	\$1,105.65
-FLC	Anchor flange and membrane clamps (2 - one for each side of the body) with hardware	\$651.00 / 40" section

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 for the T5000-158 Cross Section detail and specification sheet.

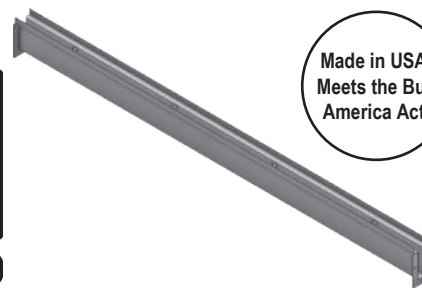
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



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	\$440.00



Made in USA.
Meets the Buy America Act.

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	\$441.00
-PGA-AW	Aluminum wire grate - Class A, 40" long	\$937.25
-PGA-SS	Stainless Steel, Decorative grate - Class A, 40" long	\$325.25
-PGB-WW	Stainless Steel, Wedgewire grate - Class A, 40" long	\$385.75

End Caps / Outlets / Accessories

Order Guide Suffix	Description	List Price, Each, Add
-PEC	Closed end cap	\$260.50
-PEO2	2" no hub end outlet	\$287.75
-PBO2	2" no hub bottom outlet	\$287.75
MI-FLEX-200	2" Flexible rubber coupling to connect 2" No Hub vertical and horizontal channel outlets to drainage pipe	\$13.75

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° 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	\$44.00
-PB-45-AL	45° Degree Channel Section with Aluminum decorative slotted grate	\$548.00
-PB-90-AL	90° Degree Channel Section with Aluminum decorative slotted grate	\$548.00
-PB-45-AW	45° Degree Channel Section with Aluminum wire grate	\$744.20
-PB-90-AW	90° Degree Channel Section with Aluminum wire grate	\$744.20
-PB-45-SS	45° Degree Channel Section with Stainless Steel Decorative grate	\$606.50
-PB-90-SS	90° Degree Channel Section with Stainless Steel Decorative grate	\$606.50
-PB-45-WW	45° Degree Channel Section with Stainless Steel Wedgewire grate	\$578.75
-PB-90-WW	90° Degree Channel Section with Stainless Steel Wedgewire grate	\$578.75
-TEE	Tee Fabrication	\$548.00
-CF	Cross Fabrication	\$1,105.65
-FLC	Anchor flange and membrane clamps (2 - one for each side of the body)	\$651.00 / 40" section

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®

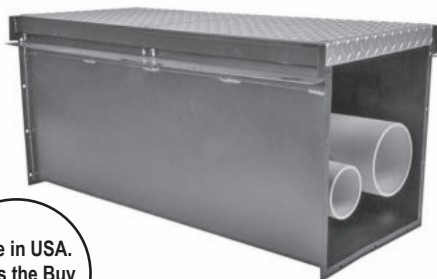
Go to www.mifab.com for the T5000-300 Cross Section detail & specification sheet.

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

Visit 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. 46.



Made in USA.
Meets the Buy
America Act.



SCAN FOR
SPEC. SHEETS

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 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	\$315.00
T4000-HDSC-12-4	12" Internal Width Channel, Ductile Iron Cover	E	\$525.00
T4000-HDSC-18-13	18" Internal Width Channel, Galvanized Steel Diamond Plate Cover	C	\$630.00
T4000-HDSC-21-13	21" Internal Width Channel, Galvanized Steel Diamond Plate Cover	C	\$738.65

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

Order Guide Suffix	Description	List Price, Each, Add
-PB-90	90° Degree Channel with cover	\$739.00
-CUT	Cutting / per cut - Net Price only	\$382.00
-CF	Cross 4 way channel connection	\$1,470.00
-PEC	End Caps	\$272.50

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.

Slim Trench® T300 Series



Each T300 display holds three kits. Each kit contains three 2-7/8" shallow depth, 1 meter long trench drains along with three bottom outlets, six end caps and three end outlets. Clips are provided to connect the channels together. Packed in a suitcase type carrier with handle. All accessories are located at the bottom of each kit. Provided grates are Load Class A.



T300-KIT
\$200.00 Net Price

T300-DISPLAY
\$600.00 Net Price

Made in USA.
Meets the Buy
America Act.



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 20in² 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
T2322,3,4-FL-4	6 1/8" x 20" section	Cast iron body, DI grate	Cast iron	\$401.00 / 20"/section
T2322,3,4-FL-4-3	6 1/8" x 20" section	Cast iron body, DI grate W/SS veneer	SS veneer	\$900.00 / 20"/section

T2320-FL OPTIONAL VARIATIONS				
Suffix	Description	List Price, Each, Add		
-5	Sediment bucket (per piece) (A1-MB)	\$88.00	-12	Galvanized grate (per 20" section) \$162.00
-6	Vandal proof grate (per grate) (TR30 Torx and pin) (H-1109A)	\$70.00	-13	All galvanized (per 20" section) \$125.00
-8	Backwater valve (per piece) (BV1254)	\$115.00	-C	Membrane clamp (per 20" section) \$48.00
-11	All acid resistant epoxy coated (per 20" section)	\$164.00	P	Push on bottom outlet (2", 3" or 4") No Add
			S	End outlet (4" No hub only) \$88.00
			T	Threaded bottom outlet (2", 3" or 4") \$25.00
			X	Inside caulk bottom outlet (2" or 3") No Add

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 GRATE
(F1440-PG-4) SPECIAL DUTY
LOAD RATED (OVER 10,000 LBS.)

FREE AREA IS 51in² 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)

7 3/4"

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
T2352,3,4-FL-4	12 1/4" x 12" section	Cast iron body, DI grate	Cast iron	\$585.00 / 12"/section
T2352,3,4-FL-4-3	12 1/4" x 12" section	Cast iron body, DI grate W/SS veneer	SS veneer	\$915.00 / 12"/section

T2350-FL OPTIONAL VARIATIONS				
Suffix	Description	List Price, Each, Add		
-5	Sediment bucket (per outlet section)	\$170.00	-13	All galvanized (per 12" section) \$191.00
-6	Vandal proof grate (per grate) (H-1072B) (lockdown grate to body)	\$70.00	-95	Client logo (-3 SS veneer only) \$86.00
-8	Backwater valve (per piece) (BV1254)	\$115.00	-20	Dome bottom outlet strainer (per piece) \$270.00
-11	All acid resistant epoxy coated (per 12" section)	\$229.00	-C	Membrane clamp (per foot) \$48.00
-12	Galvanized grate	\$214.00	P	Push on bottom outlet (2", 3" or 4") No Add
			S	End outlet (No Hub only, 4") \$88.00
			T	Threaded bottom outlet (2", 3" or 4") \$25.00
			X	Inside caulk bottom outlet (2" or 3") No Add

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 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. 46.

ACCESSORIES

PLASTIC SEDIMENT BUCKETS ARE INCLUDED WITH EVERY CATCH BASIN



T1400-CB620-SB - 4"
internal width

List Price - \$217.50



T2000-CB820-SB - 8"
internal width

List Price - \$281.40



T3000-CB1220-SB - 12"
internal width

List Price - \$370.65



T1400-SHV
Shovel head to clean out
debris from channels

List Price - \$150.00



Grate lifting key
T100-KEY

List Price - \$90.00

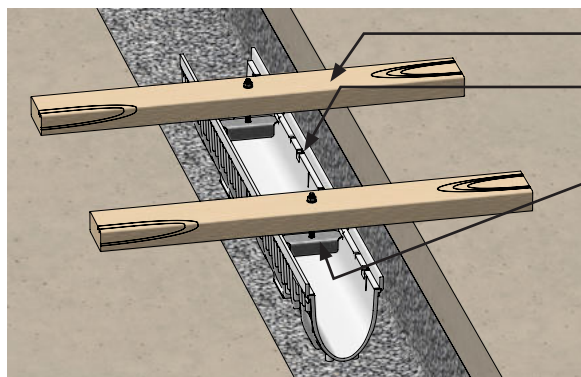
**ANTI-VANDALISM LOCKING
DEVICE FOR ALL GRATES**



T100-VP (4" internal width)	\$22.25
T200-VP (8" internal width)	\$33.50

(Two pieces required per meter)

SUSPENDED SLAB INSTALLATION



Support bars (by others)

MIFAB T1400 GRP trench drain channel illustrated

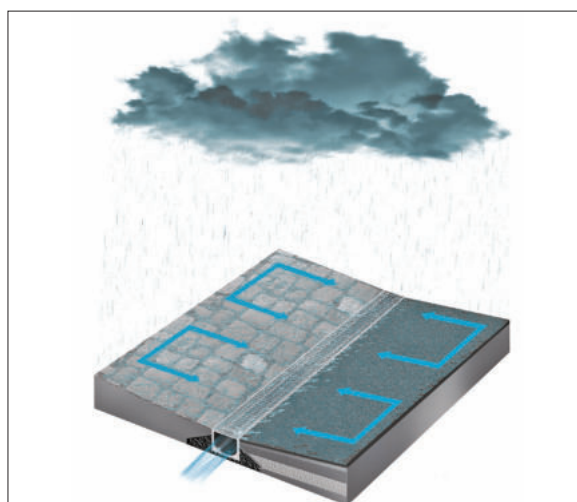
Brackets to bolt support bars for suspension of the trench drain channels within the slab. Available with T1400, T2000 and T3000 GRP channels.

Part #	List Price (Bag of two)
Part # T1400-SUSP	\$20.00
Part # T2000-SUSP	\$22.00
Part # T3000-SUSP	\$24.00

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

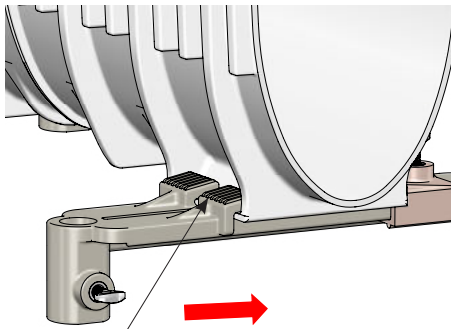


Please contact MIFAB's Engineering Department at sales@mifab.com for help to design your next trench drain project.

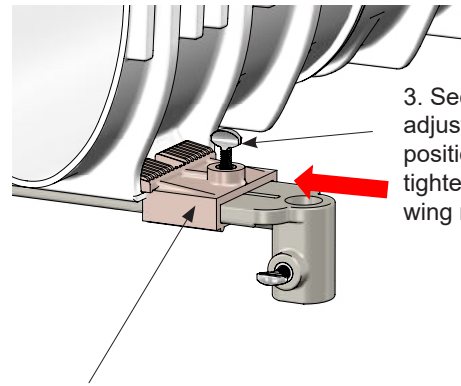
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

GRP Trench Installation Guide

INSTALLATION GUIDE

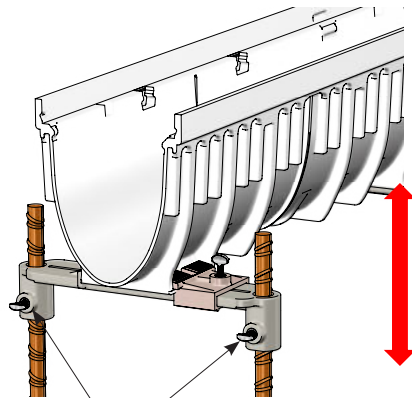


1. Ensure the installation device connects tightly to the channel.



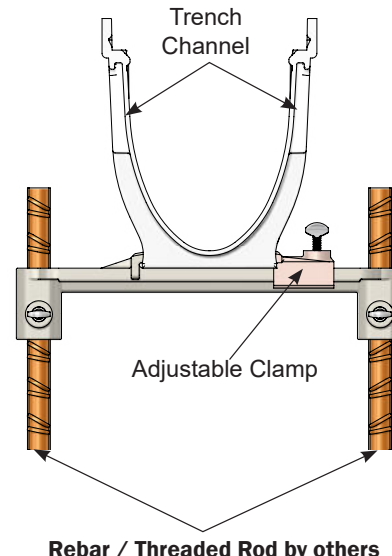
2. Push the adjustable slide against the channel lower profile until tight engagement.

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.

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



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.

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 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. 46.

Neutral Trench Drain Flow Rates Vs. Sloped Trench Drain Flow Rates

Note: See page 37 for the technical explanation.

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.

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

Flow Rate Comparison Calculation According To Manning & Strickler

4" Internal Width Sloped vs. Neutral Flow Rate Comparison

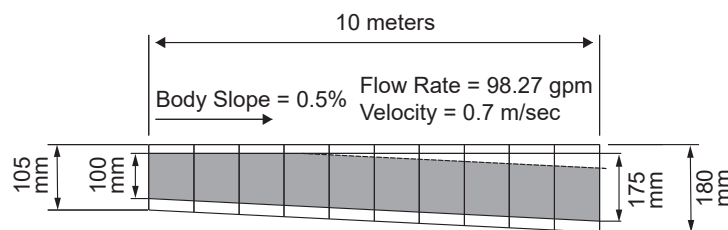


Figure 1-A Typical Sloped Trench Drain from Others

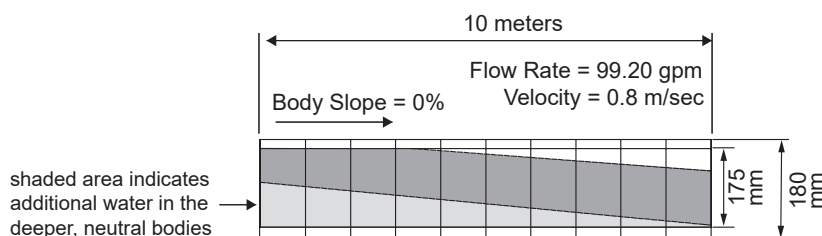


Figure 2-A MIFAB®- T1410N

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

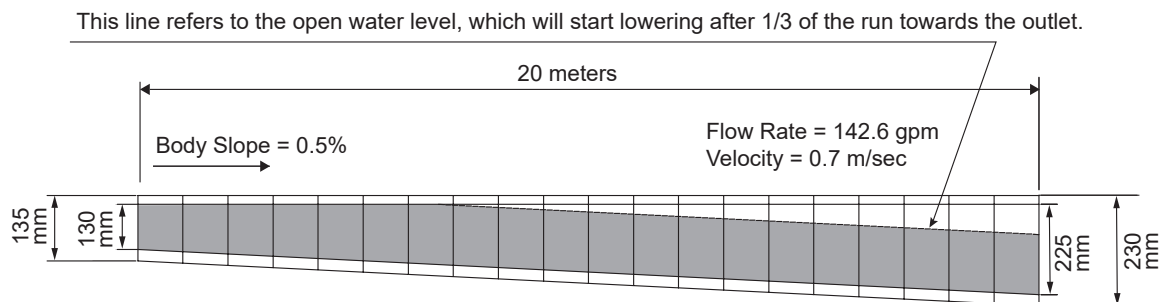


Figure 1-B Typical Sloped Trench Drain from Others

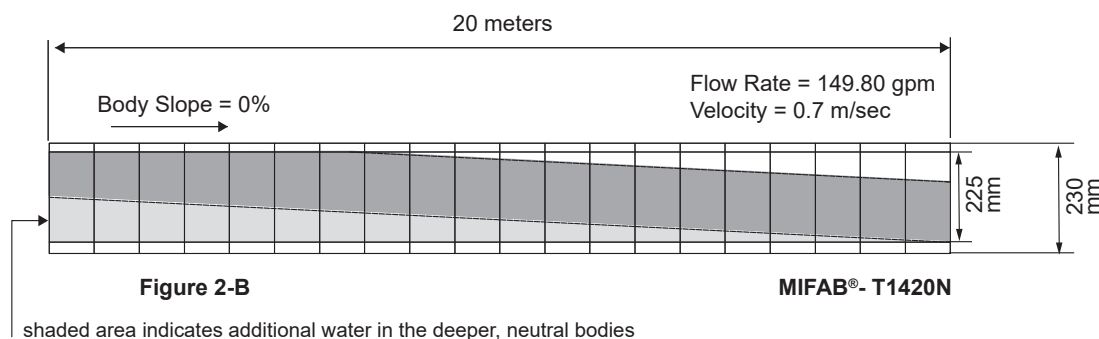


Figure 2-B MIFAB®- T1420N

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

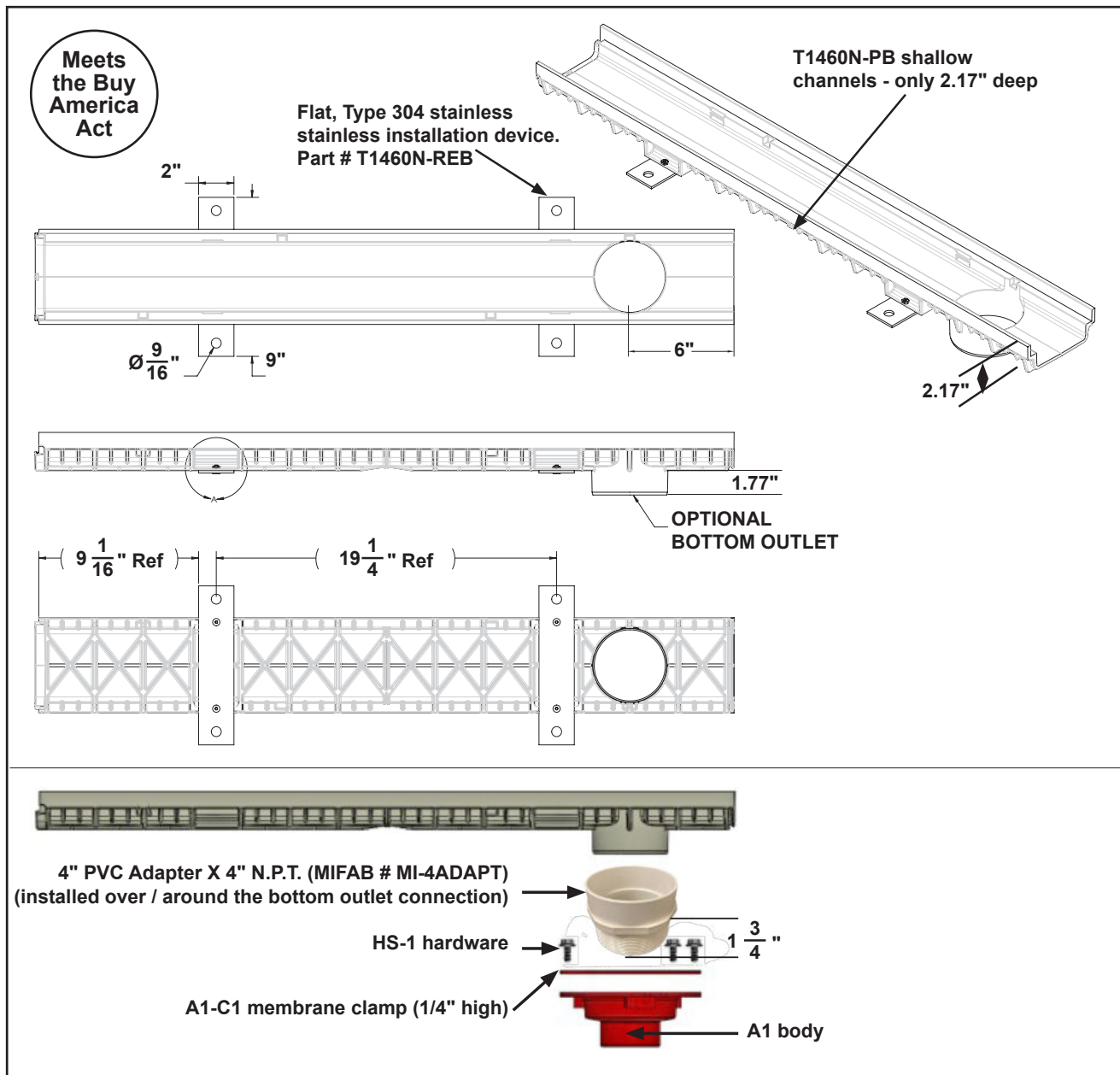
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Visit www.mifab.com 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. 46.

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 - \$10.50

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

List Price of T2060N-REB - \$15.75

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

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

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	-	Paraffin 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 resistant.

RT = room temperature (70° F)

GRP = Glass Fiber Reinforced Polyester

NOTE: Glass Fiber Reinforced Polyester (GRP) material is resistant to short-term exposure to inorganic acids and subsequent water rinsing.

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 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. 46.

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.

EN1433 / DIN19580		
Grates shall be designed to meet the following loading classifications in a static condition.		
	Load Class A	Light Duty Grate design load up to or exceeding 3,372 lbs per foot. (15 kN). For pedestrian foot traffic only.
	Load Class 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.
	Load Class C	Heavy Duty Grate design load of at least 56,200 lbs per foot. (250 kN). Commercial Applications.
	Load Class D	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.
	Load Class E	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.
	Load Class F	Grate design load of at least 202,320 lbs per foot. (900 kN). For airport traffic.

ANSI A112.21.1M		
Grates shall be designed to meet the following loading classifications in a static condition.		
	Light Duty	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.
	Medium Duty	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.
	Heavy Duty	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.
	Extra Heavy Duty	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.
	Special Duty	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.
- Heelproof is defined as slots or perforations that are less than 5/16" in width or diameter.

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

Cross Reference Guide

MIFAB®	ZURN	PAGE NO.
T1400-F	Z706	(page 24)
T2000-F	Z712	(page 24)
Contact MIFAB	Z717	-
Contact MIFAB	Z723	-
Contact MIFAB	Z726	-
T1400	Z806	(pages 12 - 15)
T1400	ZF806	(pages 12 - 15)
T2000	Z812	(pages 16 - 19)
T2000	ZF812	(pages 16 - 19)
T1400-CB620	Z817 - 6" x 20"	(page 13)
T2000-CB820	Z817 - 12" x 24"	(page 17)
T2000-CB2424	Z817 - 24" x 24"	-
T1400-CB620	ZF817 - 6" x 20"	(page 13)
T2000-CB820	ZF817 - 12" x 24"	(page 17)
T2000-CB2424	ZF817 - 24" x 24"	-
T3000	Z874-12	(pages 20 - 23)
Contact MIFAB	Z874-18	-
Contact MIFAB	Z874-21	-
T4000-HDSC	Z874-U-XX-LDRA	(page 32)
T4000-HDSC	Z874-U-XX-LDRS	(page 32)

MIFAB®	ZURN	PAGE NO.
T4000-HDSC-4	Z874-U-XX-HD	(page 32)
T250	Z880	(page 25)
T5000-158	ZA880-156	(page 30)
T5000-300	ZA880-300A	(page 31)
T5000-300	ZA880-300B	(page 31)
T5000-300	ZA880-340	(page 31)
T2000	Z882	(pages 16 - 19)
T1460	Z883	(page 13)
T300	Z884	(page 32)
T1400	Z886	(pages 12 - 15)
T1400-CB620	Z887 - 6" x 20"	(page 13)
T2000-CB820	Z887 - 12" x 24"	(page 17)
T2000-CB2424	Z887 - 24" x 24"	-
MIFAB®	JR Smith	PAGE NO.
T1460	9930	(page 13)
T1400	9930/ 9940	(pages 12 - 15)
T1400	9940	(pages 12 - 15)
T2000	9960	(pages 16 - 19)
T2000	9812	(pages 16 - 19)

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 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. 46.

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 170F to 180F limit and GRP will handle 212F.

- **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.

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

- **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.

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 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. 46.

PROJECT REFERENCES


TOWN CENTRES AND PEDESTRIAN AREAS

PARKING SPACES

GARDENING AND LANDSCAPING

PARKING GARAGES

OFFICE PLAZA

INDUSTRY AND COMMERCE

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

PROJECT REFERENCES


WAREHOUSES

ROADWAYS

FACTORIES

PROMENADE AREAS

LANDSCAPE AREAS

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 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. 46.

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. 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.

CONCRETE WHOLESALE FREIGHT ALLOWANCE: Ex Works, MIFAB's Chicago, Illinois Factory or Manufacturer Representative's warehouse with full motor freight allowed on shipments of \$10,000.00 Net or more, within the continental U.S.A. and Canada, except Alaska, Hawaii and Puerto Rico.

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.

CONTENTS © MIFAB® INC. Copyright 2023

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

Design and dimensions are subject to modification. Prices do not include applicable taxes. Visit www.mifab.com for the most recent product information.

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. 46.

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

MIFAB CATALOGS



**MPB-2022-USA
SPECIFICATION
DRAINAGE
(LIT-067)**



**CLPB-2022
LIGHT COMMERCIAL
PRODUCTS
(LIT-048)**



**AD-2022-USA
ACCESS DOORS
(LIT-043)**



**BEECO-2022
BACKFLOW PREVENTERS
AND ACCESSORIES
(LIT-071)**



**NH-2022-06
NO HUB COUPLINGS
(LIT-044)**



**TDP-2023
POLYMER CONCRETE
TRENCH DRAINS
(LIT-076)**



**TD-2023
GRP & STEEL
TRENCH DRAINS
(LIT-046)**



**TDS-2023
SHOWER DRAINS
(LIT-077)**



**TDSS-2023
STAINLESS STEEL
TRENCH DRAINS
(LIT-072)**



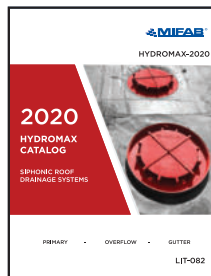
**ROOFGUARD-2020
ROOFGUARD ROOF
DOMES
(LIT-058)**



**C-PORT-2023
C-PORT RUBBER
SUPPORTS
(LIT-047)**



**DB-2022
DIALYSIS BOXES
(LIT-070)**



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



**INT-2023
INTERCEPTORS & ACID
NEUTRALIZATION TANKS
(LIT-095)**



**TSP-2022-08
TRAP SEAL
PRIMERS
(LIT-062)**



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 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. 46.

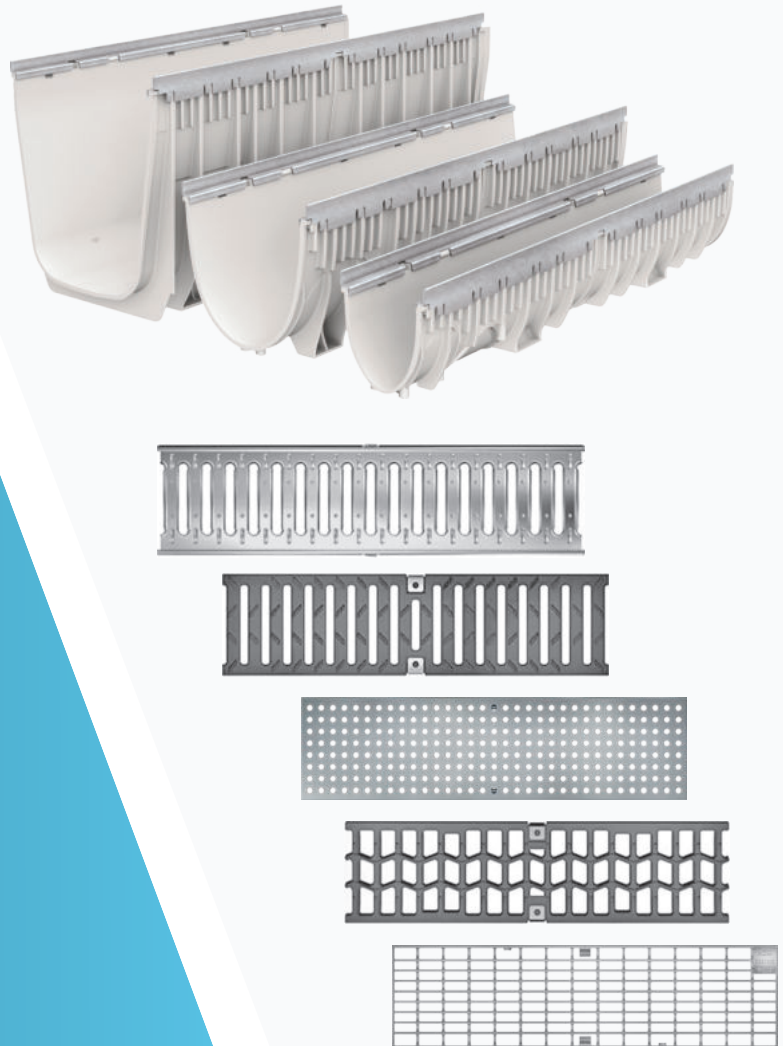


TD-2023

2023

GRP & STEEL TRENCH DRAIN SYSTEMS CATALOG

GRP & STEEL TRENCH
DRAIN PRODUCTS



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

LIT-046