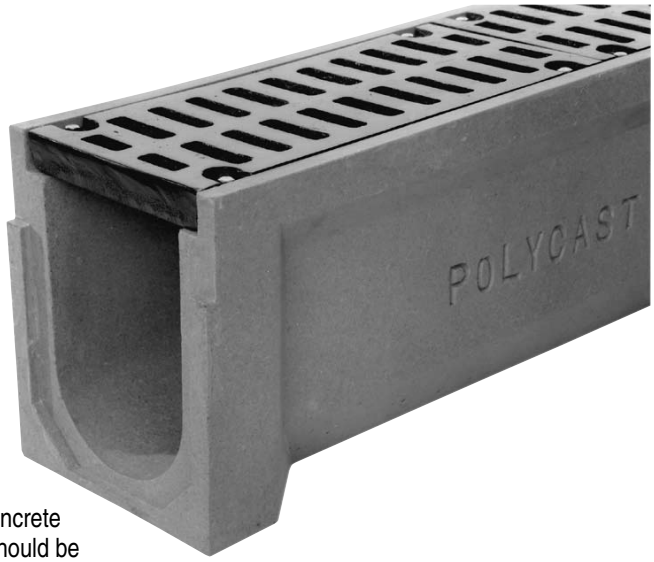
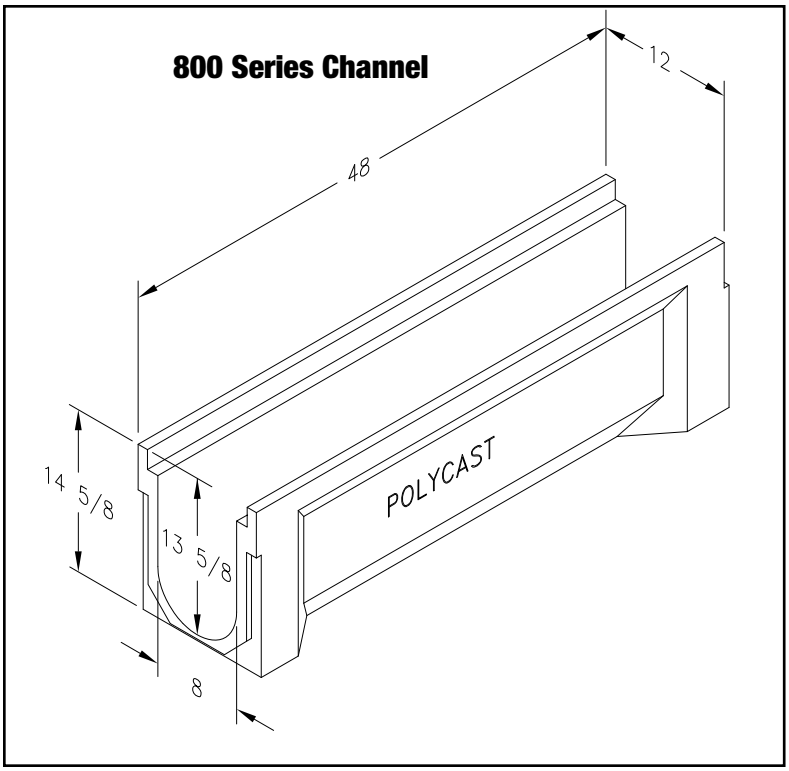
800 Series MAXI Heavy Duty



The POLYCAST® 800 Series Channel is designed for those high volume situations that exceed the capacity of the POLYCAST® 600 Series. The channel, with a width of 12", is approximately double the width of the standard 600 Series channels. The 825 Section is a neutral channel with interlocking tongue-and-groove joints. The 825 channel is designed for areas of high volume cross-flow interception, or areas where the larger cross-section is necessary. Channels can also be used as a corrosion resistant, secondary containment system. The 825 channel is available in either polyester or Vinyl Ester polymer concrete. The polyester polymer concrete is used for most drainage applications; the Vinyl Ester polymer concrete should be used for highly corrosive situations or higher temperature applications. All POLYCAST® 800 Series gratings, except the fiberglass grating, are 2' long with two gratings required for the 4' channel. The fiberglass grate is 4' in length. The iron gratings and covers for the 825 channel come with locking bolts. The bolts fit threaded inserts in the channel bearing ledges. The bolts are recessed to fit below the grating surface. Three different end caps are available for the 825 channel. The closed end cap is designed to fit either end of the channel. Drain end caps fit the downstream end and can be ordered with a 6" or 8" pipe stub. The flow rate of the 825 channel varies with the slope of the installation. The 825 channel is not presloped and any slope required should be designed into the slab.



All Sizes and Styles of POLYCAST® Trench Drains are Available in Polyester or Vinyl Ester

NOTE: Prolonged exposure to ambient, service or surface temperatures of 120° F or greater requires the use of Vinyl Ester channels.

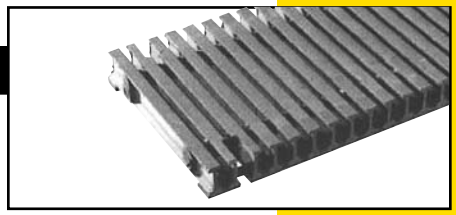
800 Series Gratings

Application Load Class D
(pg. 57)

MAXI/Fiberglass — Part No. DG0844

Designed for use with the POLYCAST® Vinyl Ester trench in areas requiring extreme chemical resistance. Securing bolts are included and should be used and maintained secure.

Open Area: 31 in^2/Linear Foot
Dimensions: 10" x 48"
Weight: 15 lbs.
Grate In-Flow: See chart pg. 42

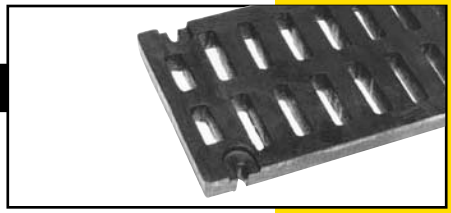


Application Load Class E
(pg. 57)

MAXI/Gray Iron Slotted — Part No. DG0841

Designed for general use. Grating hold-down devices are included and should be maintained secure.

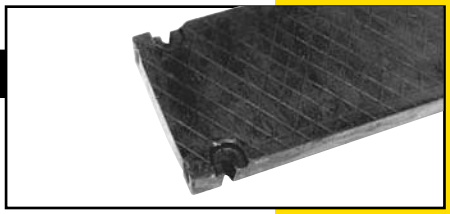
Open Area: 32 in^2/Linear Foot
Dimensions: 10" x 24"
Weight: 62 lbs.
Black Finish
Grate In-Flow: See chart pg. 42



MAXI/Gray Iron Solid — Part No. DG0842

Designed for pipe raceway, e.g., secondary containment and cable runs. Removable cover allows full access. Grating hold-down devices are included and should be maintained secure.

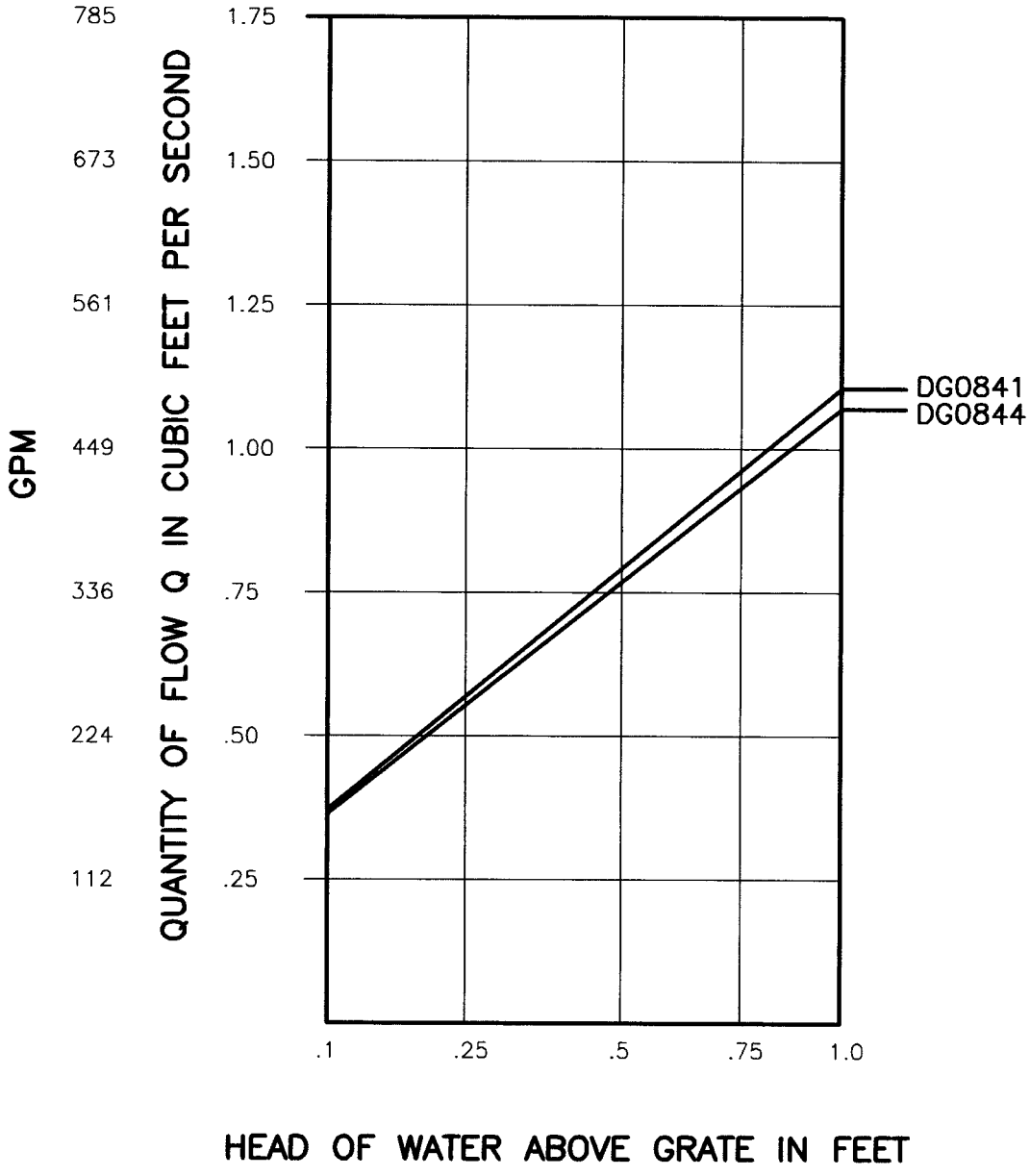
Dimensions: 10" x 24"
Weight: 75 lbs.
Grate In-Flow: See chart pg. 42



Grate In-Flow Chart

Quantity of Flow Through
800 Series Grates

Based on 1 foot 825 Channel
Computed using Orifice Equation $Q=CA\sqrt{2gh}$



Accessories

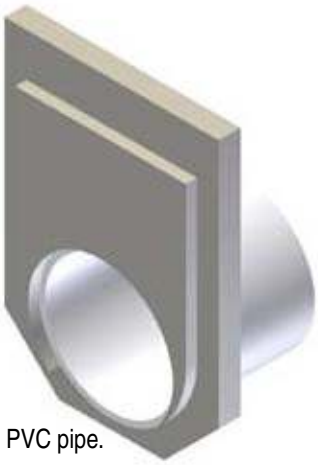
END CAPS

POLYCAST® end caps are used to enclose or provide piping transitions to the female and male ends of the channels where catch basins are not being used. They fit all channels ending in five (5), zero (0), neutrals (N) and halves (H).

Closed End Cap

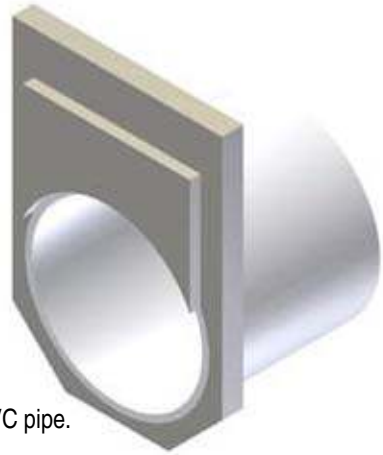
DP0825C

Inlet/Outlet



DP0825DM6
For use with 6" PVC pipe.

Inlet/Outlet



DP0825DM8
For use with 8" PVC pipe.