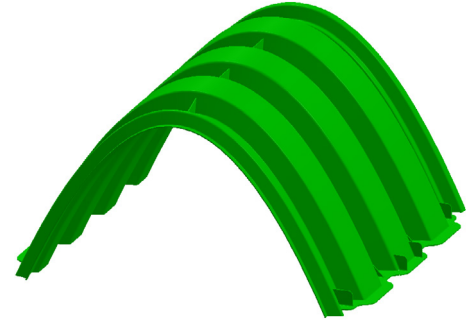


HYDROCHAIN™ M-6 Chamber

Chambers backed by decades of expert engineering and material innovation – and 15+ years of proven installation performance

What sets our corrosion-resistant M-6 chambers apart is that they are manufactured of fiberglass-reinforced thermosetting plastic. Both the material itself and the fiberglass reinforcement add strength and stiffness, giving our chambers greater durability than unreinforced HDPE and PP chambers. Our expert team will work with you to create the best solution for your stormwater management needs – a cost-effective, site-specific design that provides a long service life.

Designed to meet industry standards, they are evaluated and tested according to the methodology of ASTM F2418 (*Standard Specification for Polypropylene (PP) Corrugated Wall Stormwater Collection Chambers*), and F2787 (*Standard Practice for Structural Design of Thermoplastic Corrugated Wall Stormwater Collection Chambers*).



Chamber Specifications

Material

Fiberglass-reinforced plastic (FRP)

Design Load

HL-93 / H-20

Industry Standards

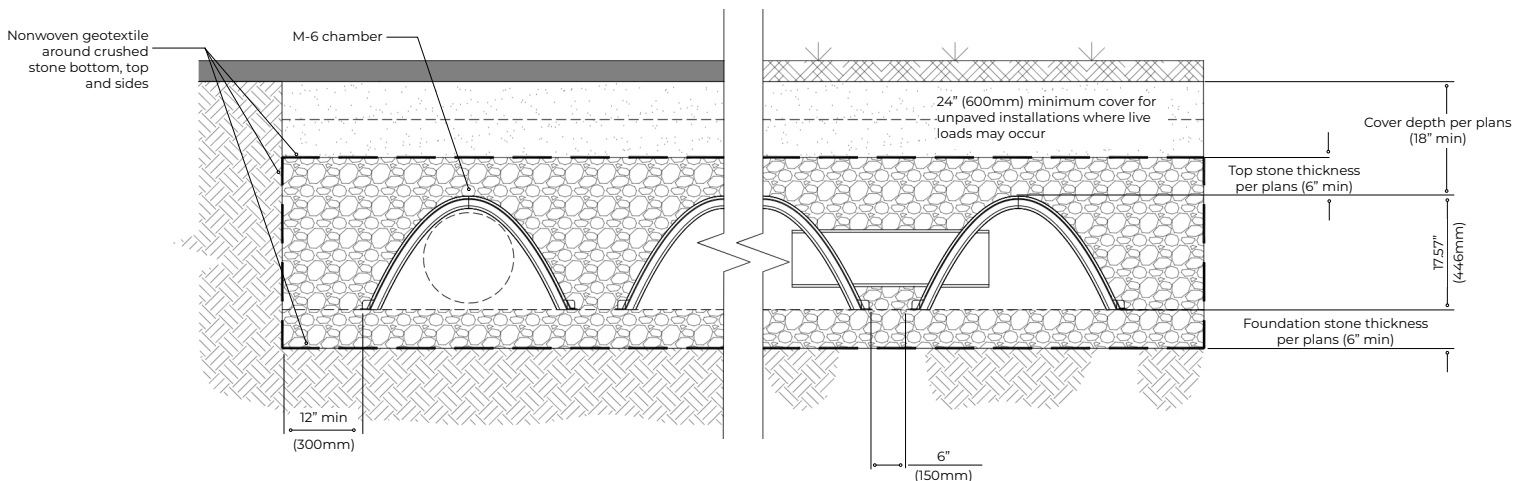
ASTM F2787, F2418, AASHTO LRFD Bridge Design Specifications

Shipping Details

40 chambers per pallet

Arch Stiffness Constant (ASC)

≥ 1,050 lbs/ft/%



Working on a project?

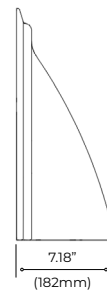
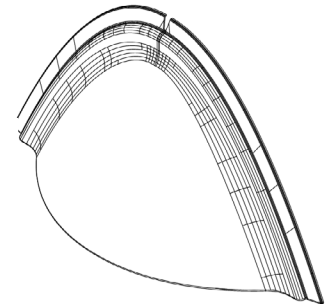
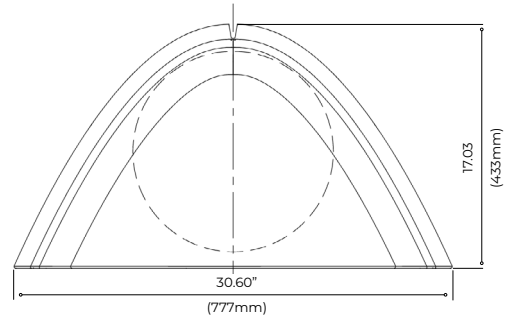
Visit our website to find a stormwater rep in your area. For project support, email eng.support@mattr.com.



HydroChain™ M-6 Chamber

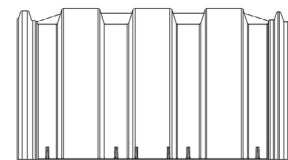
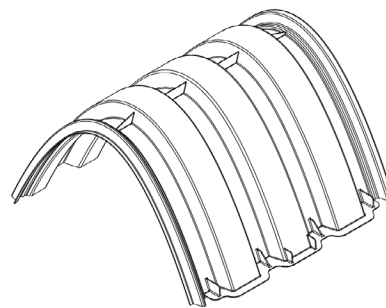
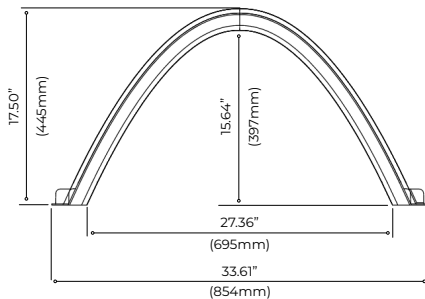
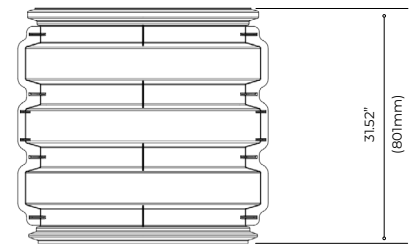
M-6 Chamber Properties

Nominal dimensions (layup length x width x height)	29.58" x 33.61" x 17.5" (751mm x 854mm x 445mm)
Bare chamber storage	5.6 ft ³ (0.159 m ³)
Minimum installed storage*	11.36 ft ³ (0.322 m ³)
Chamber weight	14 lbs (6.35 kg)
Storage per linear unit without stone	2.27 ft ³ /ft (0.211 m ³ /m)
Storage per linear unit with stone	4.61 ft ³ /ft (0.428 m ³ /m)
* Assuming a minimum of 6" (150mm) stone above and below, and 6" (150mm) between rows with 40% stone porosity (Does not include 12" (300mm) perimeter stone volume.)	



M-6 End Cap Properties

Nominal dimensions (layup length x width x height)	7.18" x 30.60" x 17.03" (183mm x 777mm x 432mm)
Bare end cap storage	0.53 ft ³ (0.015 m ³)



For over 45 years, Xerxes has designed and manufactured fiberglass underground storage tanks for fuel, water and wastewater. Xerxes' most recent expansion is its HydroChain™ stormwater product line — highly engineered products with site-specific designs for stormwater management solutions. Xerxes is a key brand of Mattr, a global materials technology company serving critical infrastructure markets.