Mission Rubber Company LLC  
1660 Leeson Lane  
Corona, CA 92879  
(800) 854-9991 • Fax (800) 637-4601  
missionrubber.com

Designed to connect ribbed/corrugated profile pipe

Used to Join - MR72 Series Couplings are used to join ribbed/corrugated profile pipe.

Mission Rubber’s Flex-Seal® Corrugated Coupling is a shielded storm water, sewer and drainage system coupling. The MR72 Series 10” to 15” coupling consists of a combination of 300 series stainless steel worm drive clamps with surgical grade 316 stainless steel Nut & Bolt clamps, attached to a heavy duty 301 series stainless steel shield, over an elastomeric sealing gasket.

Leak-Proof Seal - Increased band tension of the surgical grade 316 stainless steel Nut & Bolt clamps ensure a water-tight, leak-proof and root-proof seal that is resistant to both infiltration and exfiltration. Sealing “O” Rings are installed under each sealing clamp band to prevent pipe slippage and create a more positive seal.

Corrosion Resistant - Surgical grade 316 stainless steel Nut & Bolt clamps and 300 series stainless steel components provide outstanding protection in severe environments; such as marine applications, poorly aerated or moist soils, contaminated ground conditions (particularly industrial fill sites) and where the ground water contains chloride, sulfates or bicarbonates.

Superior Rigidity - 0.12” thick 301 series stainless steel shield for 10” size, and .0315” thick 301 series stainless steel shield for sizes 12” and 15”, provide for superior load bearing control between the coupling and pipe surface. The coupling’s rugged construction provides excellent sealing properties, and the stainless steel shield provides excellent resistance to shear forces and helps with alignment, while maintaining flexibility.

Flex-Seal® Corrugated Coupling - Submittal  
MR72 Series - 10” to 15” sizes  
Performance Couplings for Corrugated Pipe

Performance Clauses for Corrugated Pipe

PROJECT ________________________________  
ENGINEER ________________________________  
CONTRACTOR ________________________________

WORM DRIVE CLAMP DETAILS

NUT & BOLT CLAMP DETAILS

Sealing Gasket Details

Gasket

This gasket is fabricated from a compound with high-quality elastomeric properties to meet physical testing

Withstands Tension and Compression - Synthetic rubbers permit a substantial degree of distortion without change in basic physical resistance, unlike other manufacturers’ thermoplastic coupling materials. Molded synthetic rubber gasket is strong, durable and resilient to ultraviolet rays, ozone, fungus growth, natural erosive properties of soil and normal sewer gases. More pliable and easier to install in cold weather applications than an elastomeric PVC gasket.

Pre-Set Calibration - All Flex-Seal® MR72 Series Couplings are designed to be installed with a pre-set torque wrench calibrated to 60 in/lbs. maximum to accommodate the 300 series stainless steel 5/16” hex head screw.

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