

MIDCO PERMA-GRIP RESTRAINED JOINT SYSTEM

BY

MIDLAND MANUFACTURING COMPANY

Submittal Information

4" Through 12" Series 4000 (Style 40)

Use The MIDCO Perma Grip Restrained Joint System is designed for restraint of ductile iron pipe in connecting to mechanical joints, pressure fittings, valves, and fire hydrants in water distribution lines.

MATERIALS

Gland Ductile (nodular) iron to ASTM A536, Grade 65-45-12. Glands are epoxy coated thermal set MIDCO Blue to 4 mil thickness.

Grip Rings C 954 ALBZ M01-TQ50 per ASTM B 148

This metal is a lead-free brass alloy that is compliant with the California Lead Plumbing Laws, ANSI/NSF Standard 61 Annex G, ANSI/NSF 372, the National Lead Free Law, the Safe, Drinking Water Act and Public Law 111-380.

Gaskets All units are supplied with a standard MJ gasket that meets or exceeds ANSI / AWWA C111/A21.11-95.

Bolts & Nuts ASTM A242 T-Head Bolt with Heavy Hex Nut meets or exceeds the ANSI/AWWA C111/A21.11 requirements.

All Midland & MIDCO products are manufactured in the UNITED STATES OF AMERICA and are fully compliant with the "BUY AMERICAN" requirement of section 1605 of the American Recovery & Reinvestment Act of 2009, LEED 2009, FHWA Buy America, AIS, Conflict Minerals and Recycled Materials Certifications.

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