

HYMAX[®]

a **MUELLER** brand

HYMAX GRIP[®]

Wide-Range Restraint Solutions



JOIN



REPAIR



RESTRAIN



TAP

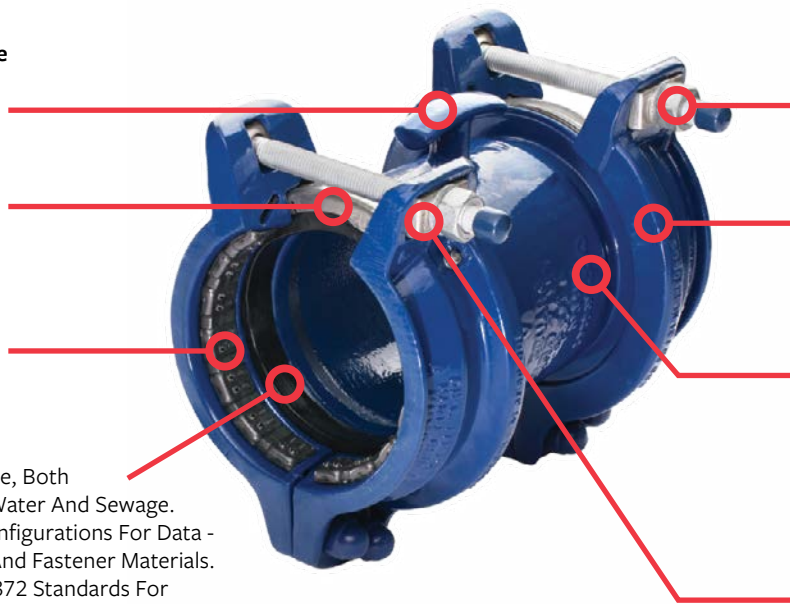
MUELLER

Middle Ring + T Handle
Ductile Iron Casting

Gasket Bridge
AISI 304 or 316
Stainless Steel

Grip Chain
Restrains Both Metal
And Plastic Pipes

Gasket
EPDM And NBR Available, Both
Are Compounded For Water And Sewage.
Check The Different Configurations For Data -
Pressure, Gasket Type And Fastener Materials.
Meet NSF-61 And NSF-372 Standards For
Contact With Drinking Water.



Nuts & Bolts
AISI 304 or 316 Stainless Steel Rolled
Thread with Anti-galling Coating

End Ring
1.5" - 3" - Cast Steel
4" - 12" - Ductile Iron Casting
14", 16" - Cast Steel

Coating
100% Fusion Bonded Epoxy For
Enhanced Corrosion Protection

Spherical Spacer
AISI 304 or 316 Stainless Steel

HYMAX GRIP® PRODUCT PORTFOLIO



HYMAX GRIP
COUPLING RESTRAINT

Nominal pipe size
1.5" - 12"



HYMAX GRIP
FLANGE ADAPTOR

Nominal pipe size
1.5" - 12"



HYMAX GRIP
END CAP

Nominal pipe size
1.5" - 12"



HYMAX GRIP
REDUCER

Nominal pipe size
1.5" - 12"



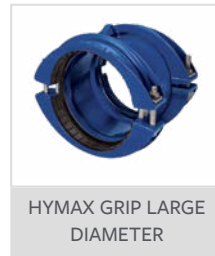
HYMAX GRIP
CATHODIC

Nominal pipe size
1.5" - 12"



HYMAX GRIP
ELBOW

Nominal pipe size
4" - 12" 45° & 90°



HYMAX GRIP LARGE
DIAMETER

Nominal pipe size
14", 16"



HYMAX GRIP
SWIVELJOINT

Nominal pipe size
4" - 12"



HYMAX GRIP MJ
CUT-IN SLEEVE

Nominal pipe size
3" - 12"



HYMAX GRIP FLANGE
ADAPTOR WITH
CATHODIC PROTECTION

Nominal pipe size
4" - 12"



HYMAX GRIP FLANGE
ADAPTOR
(ROUND FLANGE)

Nominal pipe size
1.5" - 3"



HYMAX GRIP FLANGE
ADAPTOR
(OVAL FLANGE)

Nominal pipe size
1.5"/2", 2.5"

THE HYMAX GRIP[®] FAMILY FEATURES



EASE OF USE

- Ready to use, stab-fit design features top-facing bolts for quick and easy installation, reducing time in the ditch and improving worker safety.
- Comfortably slides over the pipe before final positioning.



MULTIPLE APPLICATIONS

- Suits a wide range of pipe diameters, replacing the need to use dedicated products and thus reducing inventory costs and saving shelf space.
- The HYMAX GRIP fits different types of plastic and metal pipes and allows transition capability of up to 1.1”.



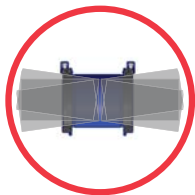
UNMATCHED PERFORMANCE

- Patented pipe grip – universal gripping system designed to restrain metal and plastic pipes.
- The unique patented radial closing mechanism holds pipes tightly in place during installation, allowing full control over the gap between pipes.
- The patented GRIP chain offers circular restraint around the pipe, unlike typical wedge - style restraints that point-load the pipe.
- As the pipe applies axial pressure, the GRIP chain increasingly tightens over the pipe, preventing pullout.



EXTREMELY DURABLE DESIGN

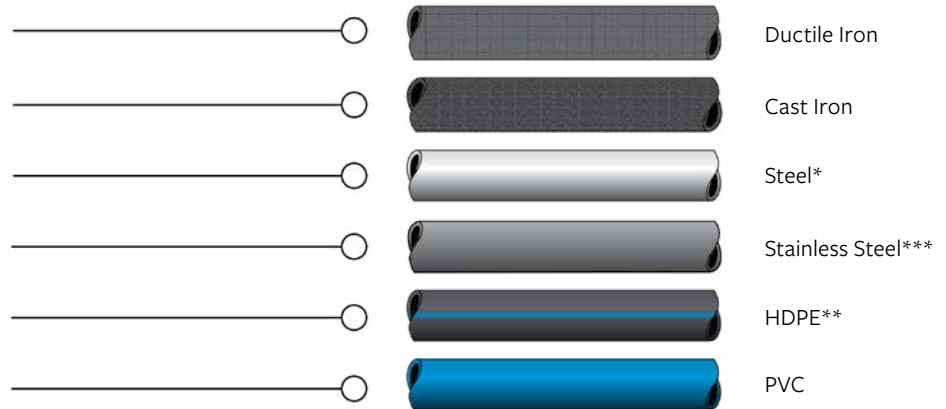
- High-quality sealing solution – Patented hydraulically-assisted gasket features two-stage sealing: mechanical sealing that is effective under vacuum or non-pressure and self-inflated gasket using water pressure.
- Advanced molecular anti-galling (MAG) on nuts and bolts, prevents galling and enables repeated bolt tightening; it also eliminates the need for grease, preventing dust and dirt build-up.
- Fusion-bonded epoxy coating enables an insulated product and prevents corrosion.
- Innovative radial closing design and sealing systems eliminate installation errors.



FLEXIBLE CONNECTION

- Allows up to 4° angular deflection on each end.
- Absorbs post-installation dynamic pipe deflection of up to 4° on each end, reducing the risk of damage and cracking due to ground shifts and temperature changes.
- Adapts to out-of-round pipe shape (up to 0.16”), for optimum fit on both ends.

ADDRESSING THE COMPLETE RANGE OF PIPE TYPES



THE HYMAX GRIP PROVIDES THE BEST JOIN AND RESTRAINT SOLUTION FOR:

- Section replacement near angle, T or dead-ends
- Replacing old restraint section/product
- Dead-end pressure testing
- A restraint system currently in use or being installed

*Except sizes 14" and 16"

**For HDPE, pipe stiffeners or inserts are required

***304 & 316 stainless steel, SCH 10 and higher

About HYMAX®

HYMAX, a Mueller brand, develops, designs, and manufactures market-leading products for repairing and connecting different types of pipes for both potable water and sewage. In more than 160 years of combined industry leadership with Mueller, and millions of installations worldwide, HYMAX has earned solid reputations for providing innovative, high-quality products, that meet installers' field needs.

HYMAX offers a full line of solutions, including standard products that range from 1.5" to 85" and custom-made products according to customers' requirements. The wide-range coupling introduced unprecedented ease of use, with a radial closing mechanism of only 2 - 4 top-facing bolts, enabling faster and safer installation.

Our company is built by industry experts with extensive field experience. Therefore, we can better understand the challenges of the installer and provide real solutions. The HYMAX product line saves costs by reducing inventory and providing long lasting value. Offering extreme durability and outstanding connection flexibility, these products prevent future pipe damage, delivering long-lasting value.

For more information about us or to view our full line of water products, please visit HymaxUSA.com or call HYMAX customer service at 855.457.2879.

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