

HYMAX[®]

a **MUELLER** brand

HYJOINT Dedicated Coupling



JOIN



REPAIR



RESTRAIN



TAP

MUELLER

HYJOINT SOLUTIONS

Nuts & Bolts

Type 304 Stainless Steel
Rolled thread and anti-galling coating

Gasket Bridge

Type AISI 304 stainless steel

Gasket

Nitrile Butadiene Rubber (NBR) compounded for drinking water

Spherical Spacer

Type 304 Stainless Steel

End Ring

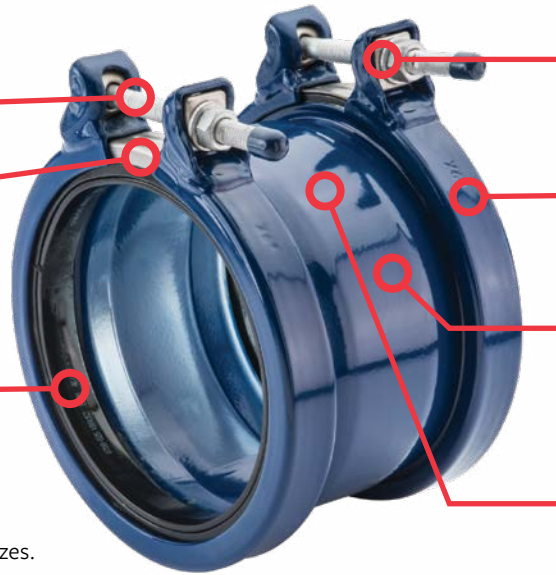
ASTM A283/A283M Grade C Steel

Coating

100% fusion bonded epoxy for enhanced corrosion protection. Average thickness 14 mm Meets NSF 61 and NSF 372.

Center Ring

2" - 14" ASTM A53 Grade A Steel
16" - 24" ASTM A283/A283M Grade C Steel



*Picture is based on HYJOINT 2" - 10".
Features may vary between different product sizes.

HYJOINT COUPLING (NBR)



HYJOINT COUPLING (NBR)

Nominal pipe size
2" - 10"



HYJOINT COUPLING (NBR)

Nominal pipe size
12" - 24"

HYJOINT LONG BODY COUPLING (NBR)



HYJOINT LONG BODY COUPLING (NBR)

Nominal pipe size
2" - 10"



HYJOINT LONG BODY COUPLING (NBR)

Nominal pipe size
12" - 24"

HYJOINT FLANGE ADAPTOR (EPDM)



HYJOINT FLANGE ADAPTOR (EPDM)

Nominal pipe size
3" - 10"



HYJOINT FLANGE ADAPTOR (EPDM)

Nominal pipe size
12" - 24"

DISMANTLING JOINT (EPDM)



DISMANTLING JOINT
(EPDM)

Oval Flange
Nominal pipe size
2"



DISMANTLING JOINT
(EPDM)

Nominal pipe size
3" - 24"

THE HYJOINT FAMILY FEATURES



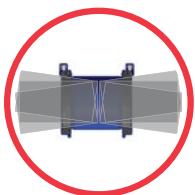
FAST AND EASY INSTALLATION

- Lightweight construction enables fast and easy installation, with minimum manpower.
- Unique top-facing bolts for easy installation access.
- Ready-to-use, stab-on design eliminates the need for extensive under-pipe digging and work.
- If needed, the HYJOINT can be easily uninstalled and re-installed.



HIGH DURABILITY

- High-quality sealing solution – patented hydraulically assisted gasket features two-stage sealing: mechanical sealing that is also effective under vacuum or non-pressure and self-inflated gasket using water pressure.
- Fusion-bonded epoxy coating creates an insulated product and prevents corrosion.
- Nuts, bolts and other components are made of stainless steel.
- Innovative radial closing design and sealing systems eliminate installation errors.
- 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.
- Monoblock design delivers fortified strength and enhanced flexibility.

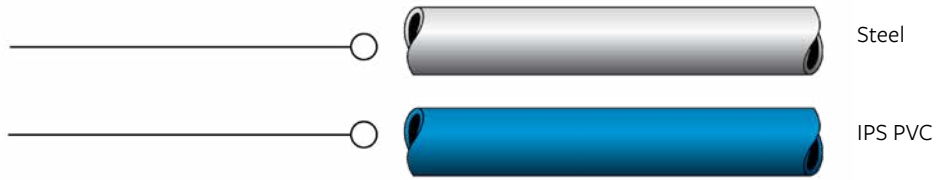


FLEXIBLE CONNECTION

- Allows up to 4° angular deflection on each end during installation.
- Absorbs post-installation dynamic pipe deflection of up to 4° on each end, reducing the risk of pipe damage and cracking due to ground shifts and temperature changes.*
- Unique gasket and closing system design enables absorption of axial movements in a system affected by water hammers.

*Not applicable for Dismantling Joint and the flange side of flange adapter products

ADDRESSING THE COMPLETE RANGE OF PIPE TYPES



HYJOINT SIMPLE RELIABILITY

- Available with NBR gaskets that withstand hot soil conditions and offers a complete line of dedicated-range couplings, joining IPS PVC and steel pipes with the same diameter
- Stab-on design, with either 2 – 4 top-facing bolts
- Require no disassembly, enabling the product to be installed virtually in seconds
- Feature working temperature of up to +125° F
- Available in a broad range of diameters, from pipe nominal size 1.5" to 24"
- Custom-made products including extra-wide sizes that provide quality solutions for pipe repair, join and restrain applications, using diverse products and superior quality raw materials.

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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