

# HYMAX<sup>®</sup>

a **MUELLER** brand

## HYJOINT FLANGE ADAPTOR – EPDM GASKET (3" - 24")

### Product Specifications

#### FEATURES

- 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
- High-quality sealing solution-patented progressive pressure-assisted gasket features two-stage sealing

#### SPECIFICATIONS STANDARDS

HYJOINT meets or exceeds all specifications of AWWA standard C219, NSF-61, NSF-372.

#### SIZE/LENGTH

- Available in nominal diameter from 3" - 24".

#### MATERIALS CENTER RING

- 3" - 16" ASTM A53 Grade A steel
- 18" - 24" ASTM A283/A283M Grade C steel.

#### END RINGS

- ASTM A283/A283M Grade C steel.

#### HYDRAULIC WIDE RANGE GASKET

- EPDM compounded for water and sewerage, meets international standards for contact with drinking water.

#### FLANGE

- 3" Meets ANSI B16.5
- 4" - 24" Meets AWWA Class D

#### BRIDGE

- Type 304 stainless steel.

#### SPHERICAL SPACERS

- Type 304 stainless steel.

#### COATING

- 100% fusion bonded epoxy for enhanced corrosion protection.
- Nominal thickness 14 mm.

#### NUTS, BOLTS & WASHERS

- Type 304 stainless steel. Rolled thread and anti-galling coating.

#### PRODUCT PERFORMANCE (\*) WORKING TEMPERATURE

- -20°F up to +125° F.

#### DYNAMIC DEFLECTION

- Up to 4°

\* See submittal drawings for details.



JOIN



REPAIR



RESTRAIN



TAP

**MUELLER**

## MIN. PIPE INSERTION

- 3" - 24": 1.6"

## WORKING PRESSURE

- 3" - 24": 175 psi

\* See submittal drawings for details.

## PRODUCT TABLES

HYJOINT FLANGE ADAPTOR 3" - 10"								
HYMAX Part Number	Nominal Diameter (inch)	Flange (inch)	Overall Range (inch)	Before Removal of the Inner Layer (inch)	After Removal of the Inner Layer (inch)	Bolt Qty. and Size (mm)	Torque (ft-lbs)	Approx. Weight (lbs)
824-56-0089-12	3"	3"	3.43 - 3.74	3.43 - 3.60	3.58 - 3.74	1 - M12	35	9.5
824-56-0114-12	4"	4"	4.40 - 4.72	4.40 - 4.59	4.57 - 4.72	1 - M12	35	14.0
824-56-0141-12	5"	5"	5.43 - 5.75	5.43 - 5.61	5.59 - 5.75	1 - M12	50	16.5
824-56-0168-12	6"	6"	6.53 - 6.85	6.53 - 6.71	6.69 - 6.85	1 - M12	50	20.0
824-56-0219-12	8"	8"	8.58 - 8.90	8.58 - 8.76	8.74 - 8.90	1 - M14	65	30.0
824-56-0273-12	10"	10"	10.70 - 11.02	10.70 - 10.89	10.87 - 11.02	1 - M14	65	37.6

HYJOINT FLANGE ADAPTOR 12" - 24"								
HYMAX Part Number	Nominal Diameter (inch)	Flange (inch)	Overall Range (inch)	Before Removal of the Inner Layer (inch)	After Removal of the Inner Layer (inch)	Bolt Qty. and Size (mm)	Torque (ft-lbs)	Approx. Weight (lbs)
824-56-0323-12	12"	12"	12.68 - 13.07	12.68 - 12.89	12.87 - 13.07	2 - M14	65	47.5
824-56-0355-12	14"	14"	13.90 - 14.33	13.90 - 14.11	14.09 - 14.33	2 - M14	65	70.5
824-56-0406-12	16"	16"	15.91 - 16.34	15.91 - 16.12	16.10 - 16.34	2 - M14	80	75.5
824-56-0457-12	18"	18"	17.91 - 18.35	17.91 - 18.13	18.11 - 18.35	2 - M16	80	92.5
824-56-0508-12	20"	20"	19.92 - 20.35	19.92 - 20.14	20.12 - 20.35	2 - M16	80	110.0
824-56-0609-12	24"	24"	23.94 - 24.37	23.94 - 24.15	24.13 - 24.37	2 - M16	100	188.0

To learn more, visit [HymaxUSA.com](http://HymaxUSA.com).

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