

# HYMAX<sup>®</sup>

a **MUELLER** brand

## HYJOINT REGULAR & LONG BODY - NBR GASKET (2" - 24")

### Product Specifications

#### FEATURES

- Ideal for the primary joining of IPS PVC and steel pipes
- Features a sturdy stab-on design
- Allows for 4° dynamic deflection on each end
- Two to four top-facing bolts for fast and easy installation
- Requires no disassembly

#### SPECIFICATIONS SIZE

- Available in nominal diameters from 2" - 24".

#### MATERIALS

##### CENTER RING

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

##### END RINGS

- ASTM A283/A283M Grade C steel

##### GASKETS

- NBR compounded (Nitrile butadiene Rubber)

##### SPHERICAL SPACERS

- AISI 304 stainless steel

#### COATING

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



#### NUTS AND BOLTS

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

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

- -4°F up to +125° F.

#### DYNAMIC DEFLECTION

- Up to 4° per side

#### MIN. PIPE INSERTION

- 1.75"

#### WORKING PRESSURE

- 2" - 12": 260 psi
- 14" - 24": 232 psi

#### VACUUM TEST

- 12 psi



JOIN



REPAIR



RESTRAIN



TAP

**MUELLER**

# PRODUCT TABLES

## REGULAR NOMINAL DIAMETER 2" - 10"

HYMAX Part Number	Nominal Diameter (inch)	Overall Range (inch)	Bolt Qty. and Size (mm)	Torque (ft-lbs)	Approx. Weight (lbs)
801-57-0058-16A	2	2.28 - 2.46	2 - M12	35	5.5
801-57-0076-16A	2.5	2.83 - 3.01	2 - M12	35	6.5
801-57-0086-16A	3	3.43 - 3.60	2 - M12	35	7.0
801-57-0112-16A	4	4.40 - 4.58	2 - M12	35	8.5
801-57-0141-16A	5	5.43 - 5.61	2 - M12	50	11.0
801-57-0168-16A	6	6.53 - 6.71	2 - M12	50	11.5
801-57-0218-16A	8	8.58 - 8.76	2 - M14	65	17.5
801-57-0272-16A	10	10.70 - 10.89	2 - M14	65	20.0

## LONG BODY NOMINAL DIAMETER 2" - 10"

HYMAX Part Number	Nominal Diameter (inch)	Overall Range (inch)	Bolt Qty. and Size (mm)	Torque (ft-lbs)
802-57-0058-16A	2	2.28 - 2.46	2 - M12	35
802-57-0076-16A	2.5	2.83 - 3.01	2 - M12	35
802-57-0086-16A	3	3.43 - 3.60	2 - M12	35
802-57-0112-16A	4	4.40 - 4.58	2 - M12	35
802-57-0141-16A	5	5.43 - 5.61	2 - M12	50
802-57-0168-16A	6	6.53 - 6.71	2 - M12	50
802-57-0218-16A	8	8.58 - 8.76	2 - M14	65
802-57-0272-16A	10	10.70 - 10.89	2 - M14	65

## REGULAR NOMINAL DIAMETER 12" - 24"

HYMAX Part Number	Nominal Diameter (inch)	Overall Range (inch)	Bolt Qty. and Size (mm)	Torque (ft-lbs)	Approx. Weight (lbs)
801-57-0323-16A	12"	12.68 - 12.89	4 - M14	65	28
801-57-0353-16A	14"	13.90 - 14.11	4 - M14	65	30
801-57-0404-16A	16"	15.91 - 16.12	4 - M14	80	42
801-57-0455-16A	18"	17.91 - 18.13	4 - M16	80	51
801-57-0506-16A	20"	19.92 - 20.14	4 - M16	80	58
801-57-0608-16A	24"	23.94 - 24.15	4 - M16	100	60

## LONG NOMINAL DIAMETER 12" - 24"

HYMAX Part Number	Nominal Diameter (inch)	Overall Range (inch)	Bolt Qty. and Size (mm)	Torque (ft-lbs)
802-57-0323-16A	12"	12.68 - 12.89	4 - M14	65
802-57-0353-16A	14"	13.90 - 14.11	4 - M14	65
802-57-0404-16A	16"	15.91 - 16.12	4 - M14	80
802-57-0455-16A	18"	17.91 - 18.13	4 - M16	80
802-57-0506-16A	20"	19.92 - 20.14	4 - M16	80
802-57-0608-16A	24"	23.94 - 24.15	4 - M16	100

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

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