

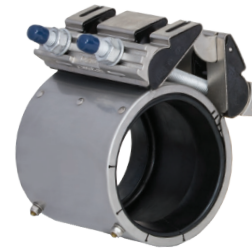
HYMAX[®]

a **MUELLER** brand

HYMAX VERSA[®] ENCAPSULATION (1.5" - 6") Product Specifications

FEATURES

- A unique encapsulation solution to quickly and easily repair coupling leaks
- Fast and easy to install. Can be wrapped around joints while water pressure is lowered to avoid water shutdowns.
- Only 2 or 4 top-facing bolts to tighten
- Durable stainless steel, monoblock design
- Allows 3° dynamic deflection per side, potentially reducing future pipe damage



SPECIFICATIONS STANDARDS

- HYMAX VERSA Encapsulation meets or exceeds standards AWWA C-219, AWWA C-227, NSF 61, NSF 372, EN-681.

SIZE LENGTH

- Available in nominal diameter range of 1.5" - 3", length 5.5", 11".
- Nominal diameter 4" & 6" available in 11" length only.

MATERIALS

BODY

- Stainless Steel AISI 304. ASTM A240 / ASTM A480.

LUG MATERIAL

- Polycarbonate.

COMPRESSION BEAM & ADJUSTING PIN

- Casting AISI 304/ASTM-A351-CF8.

GASKET

- EPDM compounded for water and sewage in accordance with ASTM D2000, meets international standards for contact with drinking water.

GASKET BRIDGE

- Stainless Steel AISI 304. ASTM A240.

BOLTS, NUTS & WASHERS

- AISI 304 stainless steel. Rolled thread and anti-galling coating. ASTM F593, ASTM F594 and ASTM A240 respectively.



JOIN



REPAIR



RESTRAIN



TAP

MUELLER

PRODUCT PERFORMANCE

WORKING TEMPERATURE

- 20° F up to +180° F

WORKING PRESSURE

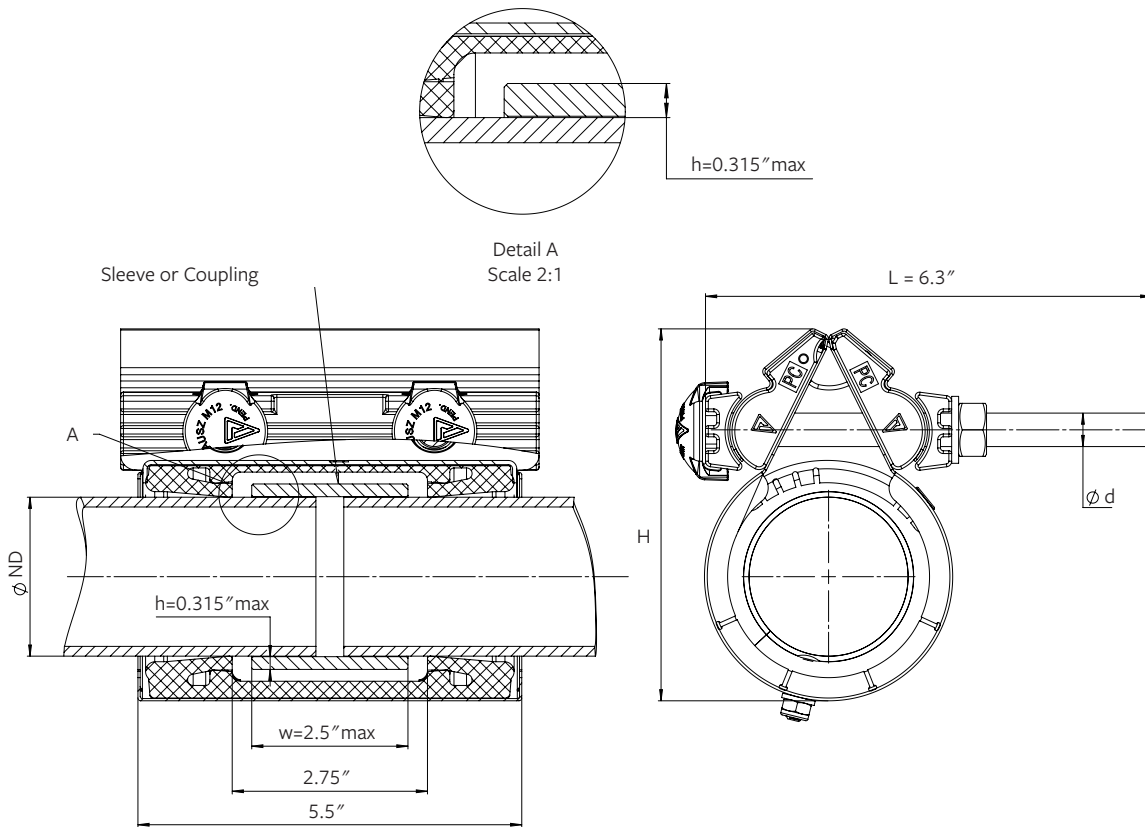
- Length 5.5": 232 psi
- Length 11": 232 psi

MAX. CAPSULE CAPABILITY

* See below

For 5.5" Length	H	W
	0.315"	2.5"
For 11" Length	H	W
	0.315"	8"

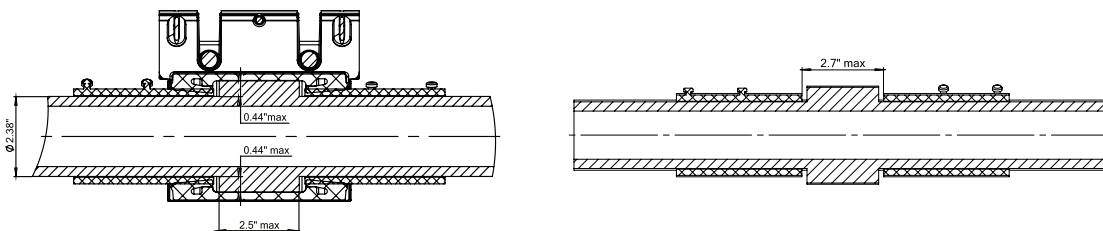
PRODUCT TABLES



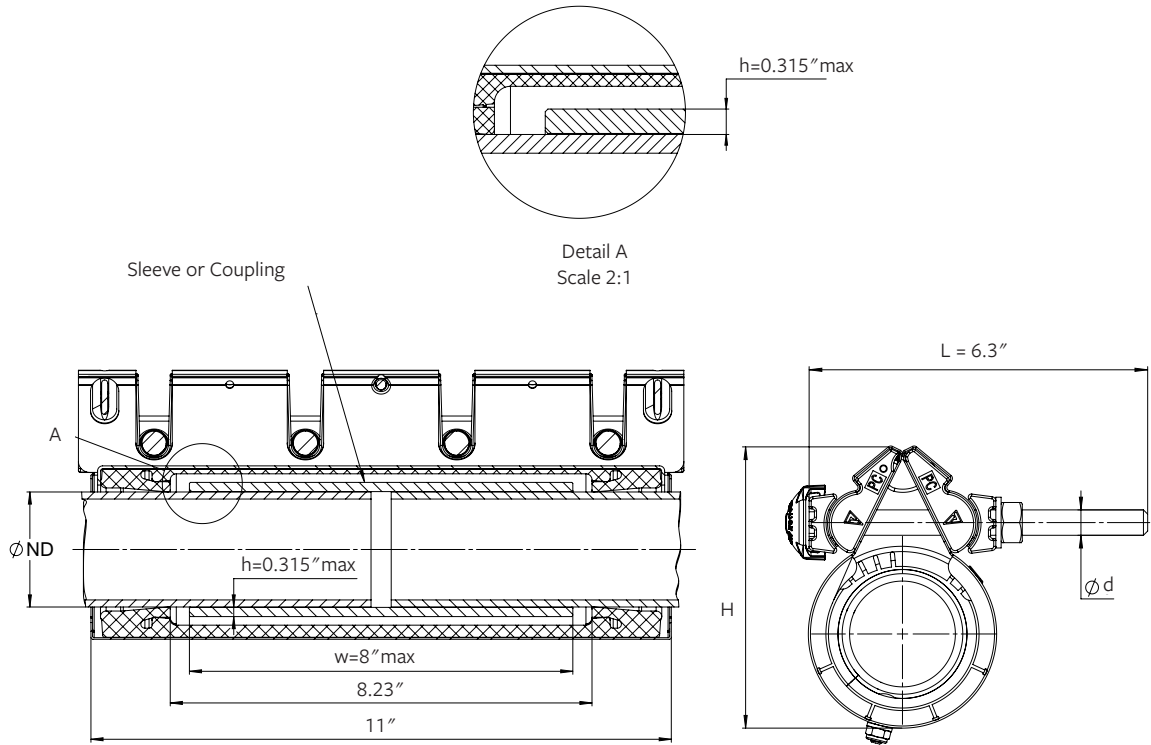
HYMAX VERSA ENCAPSULATION NOMINAL SIZE 1.5" - 3" LENGTH 5.5"

HYMAX Part Number	ND (inch)	Overall Range (inch)	H (inch)	Bolts Length L (inch)	Bolt Qty. and Size d (mm)	Torque (ft-lbs)	Body (Shell) Thickness (inch)	Approx. Weight (lbs)
104-56-0045-16	1.5	1.77 - 2.24	4.9	6.3	2 - M12	35	0.03	4.23
104-56-0052-16	2	2.05 - 2.52	5.3	6.3	2 - M12	35	0.03	4.34
104-56-0059-16-100*		2.32 - 2.79	5.5	6.3	2 - M12	35	0.03	4.5
104-56-0071-16	2.5	2.79 - 3.31	6.1	6.3	2 - M12	35	0.03	4.72
104-56-0081-16	3	3.19 - 3.67	6.5	6.3	2 - M12	35	0.03	4.83

* The product refers to PIPE IPS application explained below



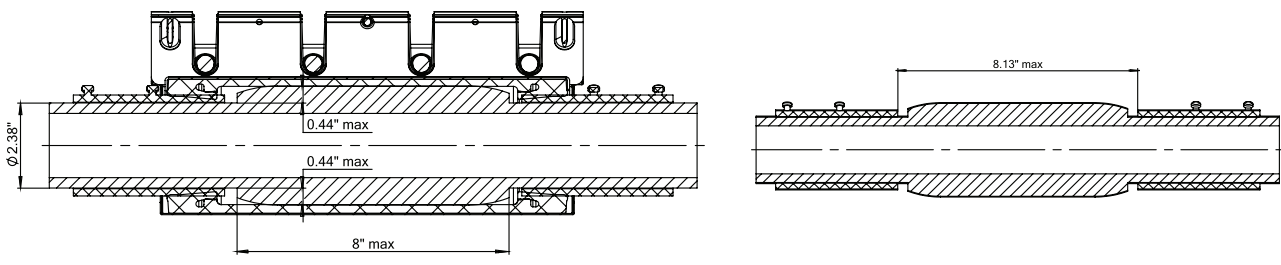
PRODUCT TABLES

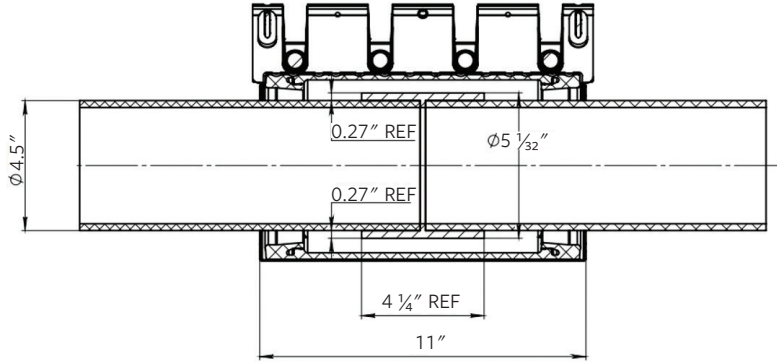
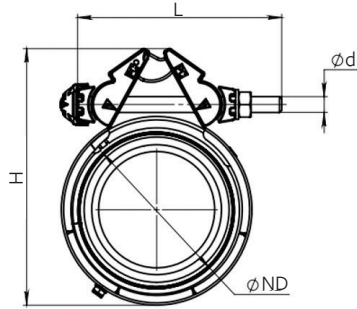


HYMAX VERSA ENCAPSULATION NOMINAL SIZE 1.5" - 3" LENGTH 11"

HYMAX Part Number	ND (inch)	Overall Range (inch)	H (inch)	Bolts Length L (inch)	Bolt Qty. and Size d (mm)	Torque (ft-lbs)	Body (Shell) Thickness (inch)	Approx. Weight (lbs)
106-56-0045-16	1.5	1.77 - 2.24	4.9	6.3	4 - M12	35	0.03	8.6
106-56-0052-16	2	2.05 - 2.52	5.3	6.3	4 - M12	35	0.03	8.82
106-56-0059-16-100*		2.32 - 2.79	5.5	6.3	4 - M12	35	0.03	9.26
106-56-0071-16	2.5	2.79 - 3.31	6.1	6.3	4 - M12	35	0.03	9.7
106-56-0081-16	3	3.19 - 3.67	6.5	6.3	4 - M12	35	0.03	9.92

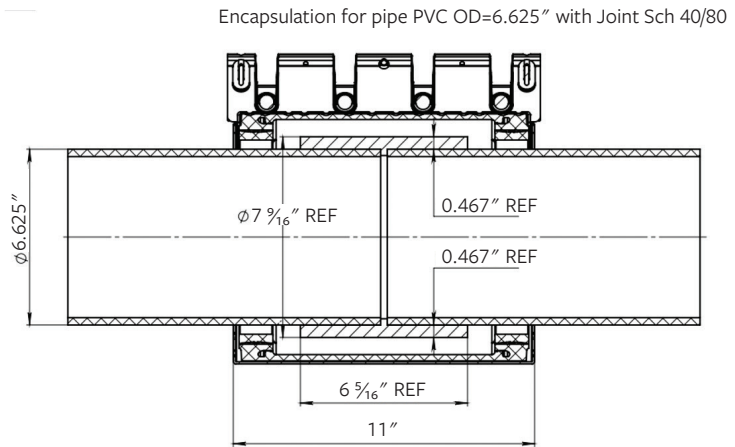
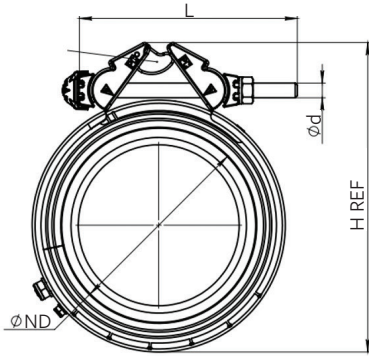
* The product refers to PIPE IPS application explained below





HYMAX VERSA ENCAPSULATION NOMINAL SIZE 4", LENGTH 11"

HYMAX Part Number	ND (inch)	Overall Range (inch)	H (inch)	Bolts Length (Inch)	Bolts Qty. Size d (mm)	Torque (ft-lbs)	Body (Shell) Thickness (inch)	Approx. Weight (lbs)
106-56-0113-16	4	4.50	9.0	7	4 - M14	50	0.05	16.3



HYMAX VERSA ENCAPSULATION NOMINAL SIZE 6", LENGTH 11"

HYMAX Part Number	ND (inch)	Overall Range (inch)	H (inch)	Bolts Length (Inch)	Bolts Qty. Size d (mm)	Torque (ft-lbs)	Body (Shell) Thickness (inch)	Approx. Weight (lbs)
106-56-0163-16	6	6.63	11.6	7	4 - M14	90	0.06	24.4

To learn more, visit HymaxUSA.com.

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