

HYMAX[®] 2

REDUCER (1.5"-12")



FEATURES

- ADVANCED WIDE-RANGE COUPLING WITH A PATENTED FLIP GASKET
- ELIMINATES GASKET REMOVAL MISTAKES AND MAXIMIZES INSTALLER WORK EFFICIENCY
- USING THE GAME-CHANGING HYMAX TECHNOLOGY, PROVEN IN OVER 1M INSTALLATIONS IN THE US
- SUITABLE FOR ALL TYPES OF PIPES - DUCTILE IRON, CAST IRON, STEEL, COPPER, PE, PVC, AC, GRP
- PATENTED HYDRAULICALLY-ASSISTED GASKET WITH 2-STAGE SEALING
- LIGHTWEIGHT CONSTRUCTION ENABLES FAST AND EASY INSTALLATION
- ALLOWS 4° DYNAMIC DEFLECTION PER SIDE, REDUCING FUTURE PIPE DAMAGE
- ONE PRODUCT CAN CONNECT PIPES OF TWO DIFFERENT MATERIALS

SPECIFICATIONS

STANDARDS

HYMAX REDUCER MEETS OR EXCEEDS REQUIREMENTS OF STANDARDS: AWWA C-219, NSF-61, NSF 372.

SIZE

AVAILABLE IN NOMINAL DIAMETER FROM 1.5"-12" STANDARD.

MATERIAL

END RING ASTM A283 / A283M GRADE C STEEL.

CENTER RING ASTM A53 GRADE A STEEL.

GASKET EPDM. COMPOUNDED FOR WATER AND SEWAGE, MEET INTERNATIONAL STANDARDS FOR CONTACT WITH DRINKING WATER.

BRIDGE AISI 304 STAINLESS STEEL.

SPHERICAL SPACERS AISI 304 STAINLESS STEEL.

COATING 100% FUSION BONDED EPOXY FOR ENHANCED CORROSION PROTECTION. AVERAGE THICKNESS 14 MIL.

NUTS & BOLTS AISI 304 STAINLESS STEEL. ROLLED THREAD AND ANTI-GALLING COATING.

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Repair the past. Connect the future.

 KRAUSZ is the creator of HYMAX

PRODUCT SPECIFICATIONS

HYMAX 2

PRODUCT PERFORMANCE (*)



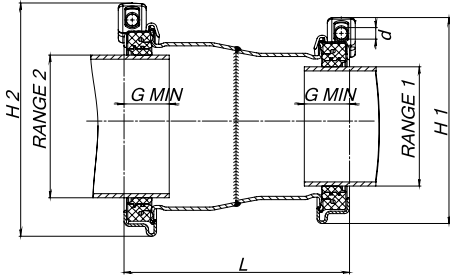
WORKING TEMPERATURE	EPDM: -20°F UP TO +125°F
DYNAMIC DEFLECTION	UP TO 4° PER SIDE
MIN. PIPE INSERTION	2.25"
MAXIMUM OFFSET FOR MISALIGNED PIPES	ND 1.5"-3" ND 4"-12" 0.39" 0.51"
MAXIMUM OUT OF ROUNDNESS	ND 1.5" ND 2"-3" ND 4"-12" 0.08" 0.20" 0.31"
WORKING PRESSURE	260 PSI
RATED PRESSURE	390 PSI
VACUUM TEST	12 PSI

* SEE SUBMITTAL DRAWINGS FOR DETAILS.

PRODUCT SPECIFICATIONS

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PRODUCT TABLES



HYMAX2 REDUCER NOMINAL SIZES 1.5"-12"

Krausz Part Number	ND (inch)	Overall Range 1 (inch)	Closed Gasket Position 1 (inch)	Open Gasket Position 1 (inch)	Overall Range 2 (inch)	Closed Gasket Position 2 (inch)	Open Gasket Position 2 (inch)	Torque Side 1 (Ft-Lbs)	Torque Side 2 (Ft-Lbs)	Bolts Qty. -Size	H1 (inch)	H2 (inch)	L (inch)	Approx. Weight (Lbs)
861540041005416	1.5 x 2	1.61-2.13	1.61-1.97	1.96-2.13	2.10-3.03	2.10-2.60	2.56-3.03	35	50	2 -M12	5.0	5.7	8.6	7
861540054008816	2 x 3	2.10-3.03	2.10-2.60	2.56-3.03	3.46-4.33	3.46-3.90	3.86-4.33	50	50	2 -M12	5.7	7.1	7.8	9
861540054010816	2 x 4	2.10-3.03	2.10-2.60	2.56-3.03	4.25-5.63	4.25-5.00	4.92-5.63	50	75	2 -M14	5.7	9.3	13.7	15
861540088010816	3 x 4	3.46-4.33	3.46-3.90	3.86-4.33	4.25-5.63	4.25-5.00	4.92-5.63	50	75	2 -M14	7.1	9.3	8.8	13
861540108013016	4 x 5	4.25-5.63	4.25-5.00	4.92-5.63	5.12-6.38	5.12-5.75	5.71-6.38	75	75	2 -M14	9.3	10.0	9.8	16
861540108016316	4 x 6	4.25-5.63	4.25-5.00	4.92-5.63	6.42-7.68	6.42-7.05	7.01-7.68	75	75	2 -M14	9.3	11.3	9.8	20
861540130016316	5 x 6	5.12-6.38	5.12-5.75	5.71-6.38	6.42-7.68	6.42-7.05	7.01-7.68	75	75	2 -M14	10.0	11.3	10.8	20
861540163019016	6 x 7	6.42-7.68	6.42-7.05	7.01-7.68	7.48-8.74	7.48-8.11	8.07-8.74	75	75	2 -M14	11.3	12.2	10.8	22
861540163021716	6 x 8	6.42-7.68	6.42-7.05	7.01-7.68	8.54-9.84	8.54-9.17	9.13-9.84	75	75	2 -M14	11.3	13.1	10.8	24
861540190021716	7 x 8	7.48-8.74	7.48-8.11	8.07-8.74	8.54-9.84	8.54-9.17	9.13-9.84	75	75	2 -M14	12.2	13.1	10.8	26
861540217027216	8 x 10	8.54-9.84	8.54-9.17	9.13-9.84	10.70-12.00	10.70-11.37	11.33-12.00	75	75	2 -M14	13.1	15.6	10.8	29
861540217031516	8 x 12	8.54-9.84	8.54-9.17	9.13-9.84	12.40-13.66	12.40-13.03	12.99-13.66	75	80	2 -M14	13.1	17.5	10.8	47
861540272027816	10 x 10	10.70-12.00	10.70-11.37	11.33-12.00	10.96-12.26	10.96-11.63	11.59-12.26	75	75	2 -M14	15.6	15.8	10.8	32
861540272031516	10 x 12	10.70-12.00	10.70-11.37	11.33-12.00	12.40-13.66	12.40-13.03	12.99-13.66	75	80	2 -M14	15.6	17.5	10.8	36
861540278031516	10 x 12	10.96-12.26	10.96-11.63	11.59-12.26	12.40-13.66	12.40-13.03	12.99-13.66	75	80	2 -M14	15.8	17.5	10.8	36
861540278033416	10 x 12	10.96-12.26	10.96-11.63	11.59-12.26	13.15-14.41	13.15-13.78	13.74-14.41	75	80	2 -M14	15.8	18.1	10.8	36
861540315033416	12 x 12	12.40-13.66	12.40-13.03	12.99-13.66	13.15-14.41	13.15-13.78	13.74-14.41	80	80	2 -M14	17.5	18.1	10.8	37

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331SW 57TH AVENUE, OCALA, FLORIDA 34474

TEL: 855-457-2879 | 855-4KRAUSZ

FAX: 352-304-5787

info@krauszusa.com | www.krauszusa.com

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