



Flex-Seal® ARC Shielded Adjustable Repair Couplings



Where there is a need for resistance to heavy earth loads, shear forces and improved alignment.

Features

Stainless Steel Shear Ring - The heaviest in the industry; over 33% thicker than the competition

Sealing "O" Ring - Installed under each sealing clamp band to prevent pipe slippage and provide a more positive seal

Molded One-Piece Design for Most Popular Sizes

Corrosion Resistant - Surgical grade 316 stainless steel sealing clamps provide the greatest corrosion resistance possible

Nut and Bolt Clamp Design - Stronger than traditional worm drive design

Also Available - Worm Drive or T-Bolt clamps are available on request

Specifications

- Manufactured with natural and synthetic rubbers conforming to **ASTM C425** and **ASTM C1173**
- Series 300 stainless steel conforms to **ASTM A240**
- Conforms to **ISO 9001** quality standards

TECHNICAL DATA SPECIFICATIONS

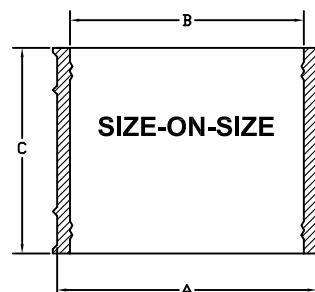
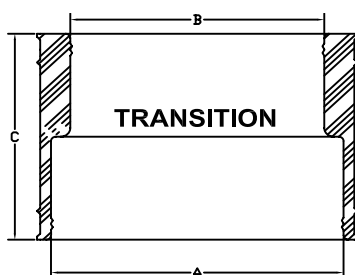
Property	Flex-Seal® Compound	Plasticized PVC
Ozone Resistance	A	A
Weathering, Sunlight Aging and Outdoor Use	A	A
Water Resistance	A	A
Low Temperature Flexibility	A	C
High Temperature Resistance	A	D
Animal Fat Resistance	B	D
Vegetable Oils Resistance	B	B
Ammonia	A	A
Compression Set	A	C

RATINGS: A - Excellent, B - Good, C - Fair, D - Poor

MR56 ARC Series

Cast Iron or Plastic to Cast iron or Plastic		A		B		C
		Min.	Max.	Min.	Max.	Width
MR56 15 ARC	1½" CI/PL to 1½" CI/PL	1.81	2.00	1.81	1.90	3.50
MR56 22 ARC	2" CI/PL to 2" CI/PL	2.30	2.50	2.30	2.50	3.50
MR56 33 ARC	3" CI/PL to 3" CI/PL	3.25	3.50	3.25	3.50	4.00
MR56 43 ARC	4" CI/PL to 3" CI/PL	4.21	4.50	3.25	3.50	4.00
MR56 44 ARC	4" CI/PL to 4" CI/PL	4.21	4.50	4.21	4.50	4.00
MR56 44 ARC XL	4" CI/PL to 4" CI/PL	4.21	4.50	4.21	4.50	6.00
MR56 54 ARC ^f	5" CI/PL to 4" CI/PL	5.30	5.62	4.21	4.50	4.00
MR56 55 ARC	5" CI/PL to 5" CI/PL	5.30	5.62	5.30	5.62	4.00
MR56 64 ARC	6" CI/PL to 4" CI/PL	6.27	6.62	4.21	4.50	6.00
MR56 65 ARC	6" CI/PL to 5" CI/PL	6.27	6.62	5.30	5.62	6.50
MR56 66 ARC	6" CI/PL to 6" CI/PL	6.27	6.62	6.27	6.62	6.00
MR56 86 ARC ^f	8" CI/PL to 6" CI/PL	8.12	8.62	6.27	6.62	6.00
MR56 88 ARC	8" CI/PL to 8" CI/PL	8.12	8.62	8.12	8.62	6.00
MR56 1008 ARC ^f	10" CI/PL to 8" CI/PL	10.20	10.80	8.12	8.75	6.50
MR56 1010 ARC	10" CI/PL to 10" CI/PL	10.20	10.80	10.20	10.80	6.50
MR56 1210 ARC ^f	12" CI/PL to 10" CI/PL	12.20	12.80	10.20	10.80	6.50
MR56 1212 ARC	12" CI/PL to 12" CI/PL	12.20	12.80	12.20	12.80	6.50
MR56 1512 ARC ^f	15" CI/PL to 12" CI/PL	14.90	15.40	12.20	12.80	6.00
MR56 1515 ARC	15" TWP to 15" TWP	14.90	15.40	14.90	15.40	6.00
MR56 1616 ARC	16" PL (SCH 40) to 16" PL (SCH 40)	15.50	16.00	15.50	16.00	10.00
MR56 1815 ARC ^f	18" CI/PL to 15" CI/PL	18.30	18.80	14.90	15.40	10.00
MR56 1818 ARC	18" CI/PL to 18" CI/PL	18.30	18.80	18.30	18.80	10.00
MR56 2121 ARC	21" CI/PL to 21" CI/PL	21.50	22.00	21.50	22.00	10.00
MR56 2424 ARC	24" CI/PL to 24" CI/PL	24.20	24.90	24.20	24.90	10.00
MR56 2727 ARC	27" CI/PL to 27" CI/PL	27.50	28.00	27.50	28.00	10.00

^f: Supplied with a flanged bushing



MR01 ARC Series

Clay to Clay		A		B		C
		Min.	Max.	Min.	Max.	Width
MR01 44 ARC	4" CL to 4" CL	5.00	5.40	5.00	5.40	4.00
MR01 54 ARC ^f	5" CL to 4" CL	6.03	6.56	5.00	5.40	6.00
MR01 55 ARC	5" CL to 5" CL	6.03	6.56	6.03	6.56	6.00
MR01 64 ARC ^f	6" CL to 4" CL	7.20	7.80	5.00	5.40	6.00
MR01 66 ARC	6" CL to 6" CL	7.20	7.80	7.20	7.80	6.00
MR01 86 ARC ^f	8" CL to 6" CL	9.40	10.00	7.20	7.80	6.00
MR01 88 ARC	8" CL to 8" CL	9.40	9.85	9.40	9.85	6.00
MR01 1008 ARC ^f	10" CL to 8" CL	11.85	12.45	9.40	10.00	6.00
MR01 1010 ARC	10" CL to 10" CL	11.85	12.45	11.85	12.45	6.00
MR01 1210 ARC ^f	12" CL to 10" CL	14.20	14.80	11.85	12.45	6.00
MR01 1212 ARC	12" CL to 12" CL	14.20	14.80	14.20	14.80	6.00
MR01 1512 ARC ^f	15" CL to 12" CL	17.80	18.30	14.20	14.80	10.00
MR01 1515 ARC	15" CL to 15" CL	17.80	18.30	17.80	18.30	10.00
MR01 1818 ARC	18" CL to 18" CL	21.80	22.30	21.80	22.30	10.00
MR01 2121 ARC	21" CL to 21" CL	25.50	25.90	25.50	25.90	10.00
MR01 2424 ARC	24" CL to 24" CL	29.60	30.30	29.60	30.30	10.00
MR01 2727 ARC	27" CL to 27" CL	31.80	32.50	31.80	32.50	10.00

^f: Supplied with a flanged bushing

MR02 ARC Series

Clay to Cast Iron or Plastic		A		B		C
		Min.	Max.	Min.	Max.	Width
MR02 43 ARC	4" CL to 3" CI/PL	5.00	5.40	3.25	3.50	4.00
MR02 44 ARC	4" CL to 4" CI/PL	5.00	5.40	4.21	4.50	4.00
MR02 46 ARC ^f	4" CL to 6" CI/PL	5.00	5.40	6.27	6.62	6.00
MR02 55 ARC	5" CL to 5" CI/PL	6.03	6.56	5.30	5.64	5.00
MR02 64 ARC	6" CL to 4" CI/PL	7.20	7.80	4.21	4.50	6.00
MR02 66 ARC	6" CL to 6" CI/PL	7.20	7.80	6.27	6.62	6.00
MR02 86 ARC ^f	8" CL to 6" CI/PL	9.40	10.00	6.27	6.62	6.00
MR02 88 ARC	8" CL to 8" CI/PL	9.40	10.00	8.25	8.62	6.00
MR02 1008 ARC ^f	10" CL to 8" CI/PL	11.85	12.45	8.25	8.62	6.50
MR02 1010 ARC	10" CL to 10" CI/PL	11.85	12.45	10.20	10.80	6.50
MR02 1210 ARC ^f	12" CL to 10" CI/PL	14.20	14.80	10.20	10.80	6.50
MR02 1212 ARC	12" CL to 12" CI/PL	14.20	14.80	12.20	12.80	6.50
MR02 1515 ARC ^f	15" CL to 15" CI/PL	17.80	18.30	14.90	15.40	10.00
MR02 1818 ARC ^f	18" CL to 18" CI/PL	21.80	22.30	18.30	18.80	10.00
MR02 2121 ARC ^f	21" CL to 21" CI/PL	25.50	25.90	21.50	22.00	10.00
MR02 2424 ARC ^f	24" CL to 24" CI/PL	29.60	30.30	24.20	24.90	10.00
MR02 2727 ARC ^f	27" CL to 27" CI/PL	31.80	32.50	27.50	28.00	10.00

^f: Supplied with a flanged bushing


MR03 ARC Series

Clay to Asbestos Cement or Ductile Iron		A		B		C
		Min.	Max.	Min.	Max.	Width
MR03 44 ARC	4" CL to 4" AC/DI	5.00	5.40	4.62	4.93	4.00
MR03 54 ARC ^f	5" CL to 4" AC/DI	6.03	6.62	4.62	4.93	5.00
MR03 55 ARC ^f	5" CL to 5" AC/DI	6.03	6.40	5.53	5.90	6.00
MR03 66 ARC	6" CL to 6" AC/DI	7.20	7.80	6.75	7.12	6.00
MR03 86 ARC ^f	8" CL to 6" AC/DI	9.40	10.00	6.75	7.12	6.00
MR03 88 ARC ^f	8" CL to 8" AC/DI	9.40	10.00	8.75	9.25	6.00
MR03 1008 ARC ^f	10" CL to 8" AC/DI	11.85	12.45	8.75	9.25	6.50
MR03 1010 ARC ^f	10" CL to 10" AC/DI	11.85	12.45	10.70	11.20	6.50
MR03 1210 ARC ^f	12" CL to 10" AC/DI	14.20	14.80	10.70	11.20	6.50
MR03 1212 ARC ^f	12" CL to 12" AC/DI	14.20	14.80	12.75	13.30	6.50
MR03 1516 ARC ^f	15" CL to 16" AC/DI	17.80	18.30	17.40	17.90	10.00
MR03 1818 ARC ^f	18" CL to 18" AC/DI	21.80	22.30	19.30	19.80	10.00

^f: Supplied with a flanged bushing

MR04 ARC Series

Concrete to Concrete		A		B		C
		Min.	Max.	Min.	Max.	Width
MR04 44 ARC	4" Conc to 4" Conc	5.50	6.00	5.50	6.00	4.00
MR04 64 ARC ^f	6" Conc to 4" Conc	7.50	8.12	5.50	6.00	6.00
MR04 66 ARC	6" Conc to 6" Conc	7.50	8.12	7.50	8.12	6.00
MR04 86 ARC ^f	8" Conc to 6" Conc	10.00	10.50	7.50	8.12	6.00
MR04 88 ARC	8" Conc to 8" Conc	10.00	10.50	10.00	10.50	6.00
MR04 1008 ARC ^f	10" Conc to 8" Conc	12.30	12.80	10.00	10.50	6.00
MR04 1010 ARC	10" Conc to 10" Conc	12.30	12.80	12.30	12.80	6.00
MR04 1210 ARC ^f	12" Conc to 10" Conc	14.60	15.10	12.30	12.80	6.00
MR04 1212 ARC	12" Conc to 12" Conc	14.60	15.10	14.60	15.10	6.00
MR04 1515 ARC	15" Conc to 15" Conc	19.40	19.90	19.40	19.90	10.00
MR04 1818 ARC	18" Conc to 18" Conc	22.10	22.60	22.10	22.60	10.00
MR04 2121 ARC	21" Conc to 21" Conc	25.90	26.60	25.90	26.60	10.00
MR04 2424 ARC	24" Conc to 24" Conc	29.90	30.60	29.90	30.60	10.00
MR04 2727 ARC	27" Conc to 27" Conc	33.40	34.10	33.40	34.10	10.00

^f: Supplied with a flanged bushing