

FLEX-SEAL® ARC

Shielded Adjustable Repair Couplings

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1½" to 27"



CUSTOM SIZES



RECOMMENDED TOOLS

SEEKONK Pre-Set Torque Wrench: 60 in/lbs; 5/16" hex head

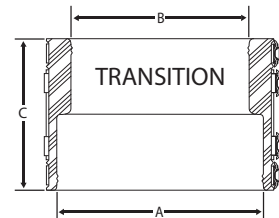
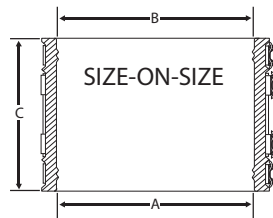
High performance, shielded sewer repair couplings connect similar/dissimilar pipe materials and sizes.

COMPONENTS

Clamps: Surgical Grade 316 Stainless Steel, **Nut & Bolt**

Shield: 301 Series Stainless Steel with 301 Series Stainless Steel, Worm Drive Clamps (2)

Gasket: Molded, One-Piece Elastomeric Sealing Gasket



FOR: Asbestos Cement (AC) | Cast Iron (CI) | Clay (CL) | Concrete (CONC) | Ductile Iron (DI) | Plastic (PL) | Thinwall Plastic (TWP)

RIGID

Thick, stainless steel shield controls load bearing between coupling and pipe surface, opposing **shear forces** while maintaining **pipe alignment**.



EASY

MISSIONMADE™ products are **easy to install and reuse**.

RESILIENT

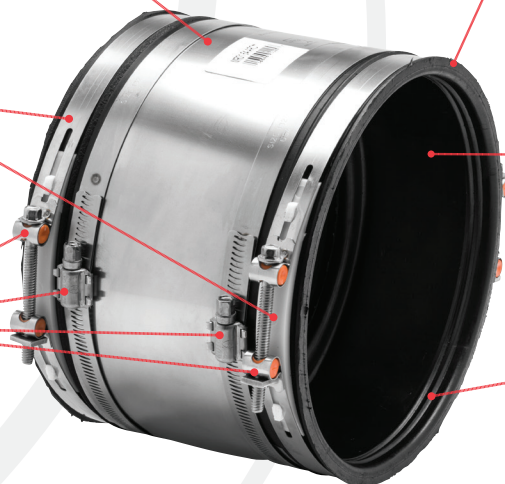
Synthetic rubbers permit considerable distortion **withstanding tension and compression**. More pliable, **easier to install in cold weather** applications than elastomeric PVC gaskets.

LEAKPROOF

Increased band tension secures pipe ends, for a **watertight, root-proof seal, impervious to infiltration and exfiltration**.

ADAPTABLE

Independent clamp tightening **adapts to different outside pipe diameters**.



(MR01 64 ARC)

DURABLE

Synthetic rubber gasket resists ultraviolet rays, ozone, fungus growth, natural soil erosive properties, and normal sewer gases.

SECURE

Sealing "O" Rings under each clamp prevent pipe end slippage for a **reinforced joint seal**.



ANTICORROSIVE

Stainless steel components resist corrosion in marine applications, poorly aerated/moist soils, contaminated grounds conditions, (e.g. *industrial fill sites*) and chloride, sulfates or bicarbonates in ground water.

SUSTAINABLE



Certified Cradle to Cradle™ - Manufactured within a 5-Point Continual Improvement process: material health, material reutilization, renewable energy and carbon management, water stewardship, and social fairness.



SPECIFICATIONS

Natural and synthetic rubbers conform to **ASTM C425** and **ASTM C1173**

300 Series Stainless Steel conforms to **ASTM A240/A240M**

Conforms to **CSA CLASS 7021 (B602)**

IAPMO FILE 4224 listed

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MR06 ARC SERIES

Concrete TO Cast Iron or Plastic		A		B		C
		MIN	MAX	MIN	MAX	WIDTH
MR06 44 ARC	4" CONC to 4" CI/PL	5.50	6.00	4.21	4.50	4.00
MR06 64 ARC	6" CONC to 4" CI/PL	7.50	8.12	4.21	4.50	6.00
MR06 66 ARC	6" CONC to 6" CI/PL	7.50	8.12	6.25	6.62	6.00
MR06 86 ARC	8" CONC to 6" CI/PL (f)	10.00	10.50	6.25	6.62	6.00
MR06 88 ARC	8" CONC to 8" CI/PL	10.00	10.50	8.12	8.40	6.00
MR06 1010 ARC	10" CONC to 10" CI/PL (f)	12.30	12.80	10.34	10.85	6.00
MR06 1212 ARC	12" CONC to 12" CI/PL (f)	15.10	15.60	12.30	12.90	6.00
MR06 1515 ARC	15" CONC to 15" CI/PL (f)	19.40	19.90	14.90	15.40	10.00
MR06 1818 ARC	18" CONC to 18" CI/PL (f)	22.10	22.60	18.30	18.80	10.00
MR06 2121 ARC	21" CONC to 21" CI/PL (f)	25.90	26.60	21.40	22.10	10.00
MR06 2424 ARC	24" CONC to 24" CI/PL (f)	29.90	30.60	24.40	25.10	10.00
MR06 2727 ARC	27" CONC to 27" CI/PL (f)	33.40	34.10	27.40	28.10	10.00

FOR: Concrete (CONC) | Cast Iron (CI) | Plastic (PL) | Bushing (f)

MR51 ARC SERIES

Asbestos Cement or Ductile Iron TO Cast Iron or Plastic		A		B		C
		MIN	MAX	MIN	MAX	WIDTH
MR51 43 ARC	4" AC/DI to 3" CI/PL (f)	4.62	4.93	3.25	3.50	4.00
MR51 44 ARC	4" AC/DI to 4" CI/PL	4.62	4.93	4.21	4.50	4.00
MR51 55 ARC	5" AC/DI to 5" CI/PL (f)	5.62	5.93	5.30	5.62	5.00
MR51 56 ARC	5" AC/DI to 6" CI/PL (f)	5.62	5.93	6.25	6.62	5.80
MR51 66 ARC	6" AC/DI to 6" CI/PL	6.72	7.12	6.25	6.62	6.00
MR51 86 ARC	8" AC/DI to 6" CI/PL (f)	8.75	9.25	6.25	6.62	6.00
MR51 88 ARC	8" AC/DI to 8" CI/PL	8.75	9.25	8.25	8.62	6.00
MR51 1008 ARC	10" AC/DI to 8" CI/PL (f)	10.84	11.20	8.28	8.62	6.00
MR51 1010 ARC	10" AC/DI to 10" CI/PL (f)	10.84	11.20	10.20	10.80	6.00
MR51 1212 ARC	12" AC/DI to 12" CI/PL (f)	12.90	13.50	12.20	12.80	6.30
MR51 1615 ARC	16" AC/DI to 15" CI/PL (f)	17.40	17.90	14.90	15.40	10.00
MR51 1818 ARC	18" AC/DI to 18" CI/PL (f)	19.10	19.60	18.30	18.80	10.00

FOR: Asbestos Cement (AC) | Ductile Iron (DI) | Cast Iron (CI) | Plastic (PL) | Bushing (f)

MR55 ARC SERIES

Asbestos Cement or Ductile Iron TO Asbestos Cement or Ductile Iron		A		B		C
		MIN	MAX	MIN	MAX	WIDTH
MR55 44 ARC	4" AC/DI to 4" AC/DI	4.62	4.93	4.62	4.93	4.00
MR55 66 ARC	6" AC/DI to 6" AC/DI	6.75	7.12	6.75	7.12	6.00
MR55 88 ARC	8" AC/DI to 8" AC/DI	8.75	9.25	8.75	9.25	6.00
MR55 1008 ARC	10" AC/DI to 8" AC/DI (f)	10.70	11.20	8.75	9.25	6.00
MR55 1010 ARC	10" AC/DI to 10" AC/DI	10.70	11.20	10.70	11.20	6.00
MR55 1210 ARC	12" AC/DI to 10" AC/DI (f)	12.90	13.50	11.30	11.80	6.00
MR55 1212 ARC	12" AC/DI to 12" AC/DI	12.90	13.50	12.90	13.50	6.00
MR55 1616 ARC	16" AC/DI to 16" AC/DI	17.40	17.90	17.40	17.90	10.00
MR55 1818 ARC	18" AC/DI to 18" AC/DI	19.10	19.60	19.10	19.60	10.00

FOR: Asbestos Cement (AC) | Ductile Iron (DI) | Flanged Bushing (f)

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	1.90	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" Ext CI/PL to 4" Ext CI/PL	4.21	4.50	4.21	4.50	6.00
MR56 54 ARC	5" CI/PL to 4" CI/PL (f)	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 ARCType 0	6" Oversize CI/PL to 5" CI/PL (f)	6.38	6.78	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	8" CI/PL to 6" CI/PL (f)	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	10" CI/PL to 8" CI/PL (f)	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	12" CI/PL to 10" CI/PL (f)	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	15" CI/PL to 12" CI/PL (f)	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 to 16" PL	15.50	16.00	15.50	16.00	10.00
MR56 1815 ARC	18" CI/PL to 15" CI/PL (f)	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

FOR: Cast Iron (CI) | Plastic (PL) | Thinwall Plastic (TWP) | Bushing (f)