

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

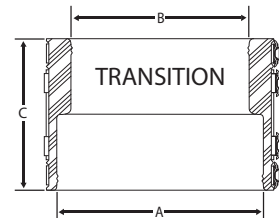
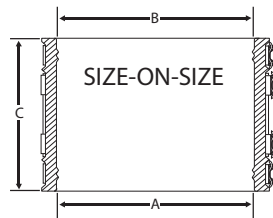
High performance, shielded sewer repair couplings connect similar/dissimilar pipe materials and sizes.

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.

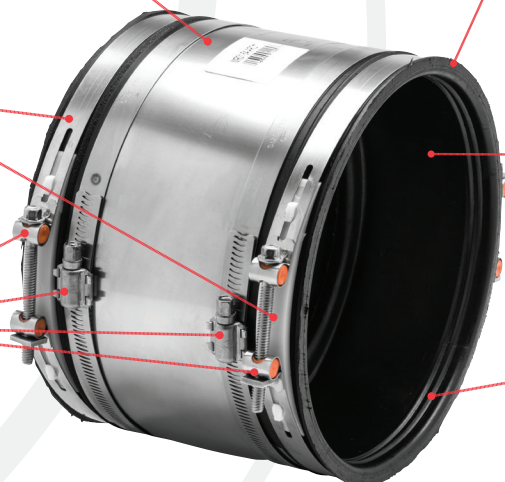
LEAKPROOF

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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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	5" CL to 4" CL (f)	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	6" CL to 4" CL (f)	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	8" CL to 6" CL (f)	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	10" CL to 8" CL (f)	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 1212 ARC	12" CL to 12" CL	14.20	14.80	14.20	14.80	6.00
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

FOR: Clay (CL) | Flanged Bushing (f)**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	4" CL to 6" CI/PL (f)	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	8" CL to 6" CI/PL (f)	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	10" CL to 8" CI/PL (f)	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	12" CL to 10" CI/PL (f)	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	15" CL to 15" CI/PL (f)	17.80	18.30	14.90	15.40	10.00
MR02 1818 ARC	18" CL to 18" CI/PL (f)	21.80	22.30	18.30	18.80	10.00
MR02 2121 ARC	21" CL to 21" CI/PL (f)	25.50	25.90	21.50	22.00	10.00
MR02 2424 ARC	24" CL to 24" CI/PL (f)	29.60	30.30	24.20	24.90	10.00
MR02 2727 ARC	27" CL to 27" CI/PL (f)	31.80	32.50	27.50	28.00	10.00

FOR: Clay (CL) | Cast Iron (CI) | Plastic (PL) | Bushing (f)**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	5" CL to 4" AC/DI (f)	6.03	6.62	4.62	4.93	5.00
MR03 55 ARC	5" CL to 5" AC/DI (f)	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	8" CL to 6" AC/DI (f)	9.40	10.00	6.75	7.12	6.00
MR03 88 ARC	8" CL to 8" AC/DI (f)	9.40	10.00	8.75	9.25	6.00
MR03 1008 ARC	10" CL to 8" AC/DI (f)	11.85	12.45	8.75	9.25	6.50
MR03 1010 ARC	10" CL to 10" AC/DI (f)	11.85	12.45	10.70	11.20	6.50
MR03 1210 ARC	12" CL to 10" AC/DI (f)	14.20	14.80	10.70	11.20	6.50
MR03 1212 ARC	12" CL to 12" AC/DI (f)	14.20	14.80	12.75	13.30	6.50
MR03 1516 ARC	15" CL to 16" AC/DI (f)	17.80	18.30	17.40	17.90	10.00
MR03 1818 ARC	18" CL to 18" AC/DI (f)	21.80	22.30	19.30	19.80	10.00

FOR: Clay (CL) | Asbestos Cement (AC) | Ductile Iron (DI) | Flanged Bushing (f)**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 66 ARC	6" CONC to 6" CONC	7.50	8.12	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	10" CONC to 8" CONC (f)	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	12" CONC to 10" CONC (f)	15.50	16.00	12.30	12.80	6.00
MR04 1212 ARC	12" CONC to 12" CONC	15.50	16.00	15.50	16.00	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	23.00	22.10	23.00	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

FOR: Concrete (CONC) | Flanged Bushing (f)