

Rinker

MATERIALS®

A QUIKRETE® COMPANY

Elliptical Reinforced Concrete Pipe



Stay Ahead Of The Curve With Rinker Materials®

www.rinkerpipe.com

STAY AHEAD OF THE CURVE WITH RINKER MATERIALS

Rinker Materials is a leading resource for unique hydraulic, structural and environmental specifications for stormwater management systems unattainable with traditional round reinforced concrete pipe (RCP).

Its comprehensive line of elliptical RCP meets ASTM C507 and manufactured according to OPSS 1820 requirements on the job sites with shallow cover, underground utilities, right of way restraints and other impediments that limit the depth of installation. Designed to accommodate greater storage and load capacities than the equivalent round RCP, elliptical RCP is ideal for storm drains, underground detention/retention and other best-in-class stormwater management systems.



WHY ELLIPTICAL REINFORCED CONCRETE PIPE?

Keeping pace with building and infrastructure growth across the country requires creative solutions for stormwater management. The use of horizontal elliptical (HE) RCP is a proven approach for high-flow detention/retention systems installed in areas with low cover exposed to heavy vehicle traffic like airplanes, trains and buses on a regular basis. Similarly, vertical elliptical (VE) RCP is used for high-flow detention/retention systems in limited horizontal space. HE and VE RCP also provide the flexibility to customize systems by connecting round RCP and/or fabricated transitional pieces at joints and/or pre-cut holes.

BENEFITS

- ✓ *Easy, quick and economical installations*
- ✓ *High-load capacity in low cover installation*
- ✓ *Less significant backfill requirements*
- ✓ *Smaller installation footprints*
- ✓ *Rapid design phase (AASHTO/OPSS design)*
- ✓ *Lower traffic control and project management expense*
- ✓ *Superior quality control and strength*
- ✓ *Excellent hydraulic capacity*

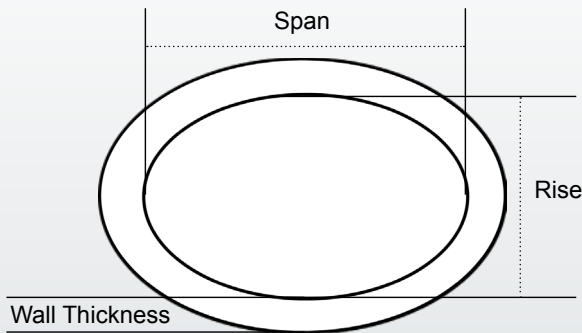


WHY RINKER MATERIALS

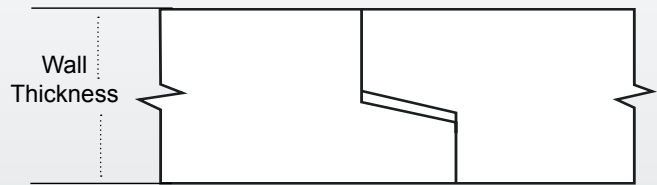
As a recognized leader in the concrete pipe and box industry, Rinker Materials leverages innovative technology and engineering expertise to consistently deliver underground stormwater systems that perform exactly as specified. From engineering design to plant production to on-site delivery to installation guidance to post-installation review, Rinker Materials is committed to unmatched customer service supporting the highest-quality concrete solutions on the market throughout the project life cycle.

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Section Thru Barrel



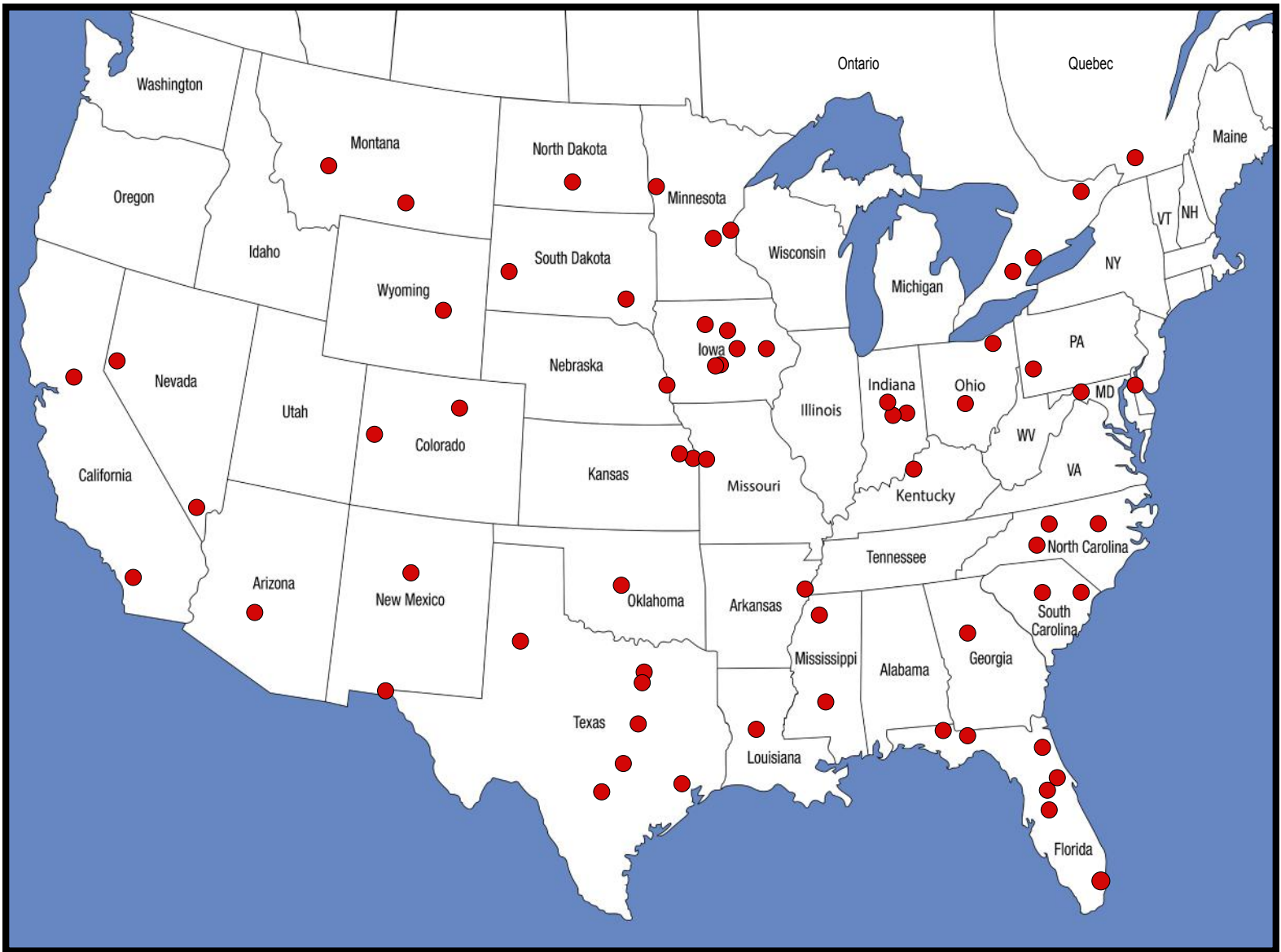
Section Thru Joint

++ Please note that Larger Sizes are available. Please contact us. ++

Size Rise x Span (mm)	Round Equivalent (mm)	Inside Dimension (mm)		Wall Thickness (mm)	Waterway Area (m ²)	Approx. Mass (kg/pc)
		Rise	Span			
730 x 150	900	1145	735	114	0.69	931
855 x 1345	1050	1345	865	127	0.95	1214
975 x 1535	1200	1525	965	140	1.20	1490
1090 x 1730	1350	1725	1090	152	1.54	1840
1220 x 1920	1500	1930	1220	165	1.91	2198
1340 x 2110	1650	2110	1345	178	2.30	2600
1465 x 2305	1800	2310	1475	191	2.74	3040
1585 x 2495	1950	2490	1600	203	3.22	3502
1705 x 2690	2100	2690	1725	216	3.73	3993

PARTNER WITH RINKER MATERIALS

Rinker Materials staff of experienced design professionals and state-of-the-art manufacturing facilities have established a strong track record of success when it comes to producing reinforced concrete pipe and box for stormwater collection systems. From private cooperative utilities in rural areas of the country to public mass transit in large metropolitan cities, contact Rinker Materials to partner on your next stormwater system installation project today.



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