

HEL-COR® Corrugated Steel Pipe

Helically corrugated HEL-COR steel pipe, available in round and pipe-arch shapes, has over 65 years of proven performance. It is manufactured with continuous locked seams with annular corrugated ends to use with soil-tight HUGGER® Bands.

Typical applications are culverts, stormwater detention systems, small bridges, conduits and storm sewers. A wide variety of wall thicknesses (gages), corrugations, diameters and pipe section lengths permit a choice of materials to meet specific job site requirements.

Durability requirements are addressed by a wide choice of materials: galvanized steel, aluminized steel type 2 (ALT2) and polymer-coated steel. For increased hydraulic efficiency, HEL-COR Smooth Cor™ has a steel lining.

Standard fittings include tees, wyes, elbows, saddle branches, reducers and manifolds for detention systems. Manholes and catch basins are fabricated to meet specific job requirements.

As a construction shaft liner, HEL-COR Pipe, with or without ring beam stiffeners, can be supplied in up to 171 inch diameters.



Over 60 years of proven performance

Reference Specifications		
Material	Galvanized Steel	AASHTO M218 ASTM A 929
	Aluminized Steel Type 2 (ALT2)	AASHTO M274 ASTM A 929
	Polymer-Coated Steel	AASHTO M246 ASTM A 742 ASTM A 849
	Aluminum Alloy	AASHTO M197 ASTM B 744
Pipe	Steel (Galvanized and ALT2 HEL-COR and ULTRA FLO)	AASHTO M36 ASTM A 760
	Steel (Polymer-Coated HEL-COR, ULTRA FLO, and Smooth Cor)	AASHTO M36 AASHTO M245 ASTM A 762
	Aluminum (Corlix, ULTRA FLO)	AASHTO M196 ASTM B 745
Coating/Lining	Asphalt	AASHTO M190 ASTM A 849
Design	Steel (HEL-COR, ULTRA FLO, Smooth Cor)	AASHTO Section 12* ASTM A 796
	Aluminum (Corlix, ULTRA FLO)	AASHTO Section 12* ASTM A 790
Installation	Steel (HEL-COR, ULTRA FLO, Smooth Cor)	AASHTO Section 26* ASTM A 798
	Aluminum (Corlix, ULTRA FLO)	AASHTO Section 26* ASTM A 788

*AASHTO LRFD Bridge Design Specification and AASHTO Standard Specification for highway bridges.