

PIPE SELECTION CRITERIA & PROPERTIES

	PRODUCT	Diameter Range (inches)	Materials	Manning's "n"	Standard Lengths (feet)	Minimum Cover** (inches)
CORRUGATED METAL PIPE*	HEL-COR® 2-2/3" x 1/2"	12" - 60"	Galvanized Steel Aluminized Steel Aluminum Polymer Coated Steel	.012 - .020	20' - 40'	12" or Span/8
	HEL-COR® 5" x 1"	48" - 144"	Galvanized Steel Aluminized Steel Aluminum Polymer Coated Steel	.022 - .025	20' - 40'	12" or Span/8
	HEL-COR® 3" x 1"	48" - 144"		.022 - .027	20' - 40'	12" or Span/8
	ULTRA FLO® (Spiral Rib) 3/4" x 3/4" x 7.5"	18" - 120"	Galvanized Steel Aluminized Steel Aluminum Polymer Coated Steel	0.012	20' - 40'	12" or Span/8
	Smooth Cor™ (Double Wall) 3" x 1" Shell 2-2/3" x 1/2" Shell Smooth Liner	18" - 144"	Aluminized Steel Polymer Coated Steel	0.012	20' - 40'	12" or Span/8
	CORLIX® 2-2/3" x 1/2"	12" - 72"	Aluminum	0.010 - 0.021	20' - 40'	12" or Span/8
	CORLIX® 3" x 1"	30" - 120"		0.019 - 0.022	20' - 40'	12" or Span/8
STEEL REINFORCED THERMOPLASTIC	DuroMaxx® Class 1 of ASTM F2562	30" - 120"	Steel Reinforced Polyethylene	0.012	14' or 24'	Ø 30" - Ø 60" - 12" Ø 66" - Ø 72" - 18" Ø 78" - Ø 96" - 24" Ø 108" - 30" Ø 120" - 36"
THERMOPLASTIC	A-2000™ PVC ASTM F949	4" - 36"	PVC Resin (12454)	0.009	12.5', 14' or 22'	12"
	A2™ Liner PVC Composite (Rehabilitation) ASTM F949	12" - 36"	PVC Resin (12454)	0.009	10' or 20' Custom Lengths Available	12"
	TRUSS PIPE® ASTM D2680	8" - 15"	PVC Resin (12454) Lightweight Mearlcrete	0.009	12.5'	12"
	Solid Wall PVC Pipe (SDR 23.5) ASTM D3034	4" - 6"	PVC Resin (12454)	0.009	14'	12"

* HEL-COR and CORLIX also available in 6" to 10" diameters in 1 1/2 x 1/4" corrugation.

** H 20 and H 25 minimum cover is measured from top of pipe to bottom of flexible pavement or top of rigid pavement.