

Infi-Shield

6, 9 or 12” Gator Wrap Specification

Each manhole, catch basin or pipe joint shall be sealed with an external rubber sleeve similar to the Infi-Shield Gator Wrap as manufactured by Sealing Systems, Inc. (763-478-2057). The seal shall be made of a Stretchable, Self-Shrinking, Intra-Curing Halogenated Based Rubber with a minimum thickness of 30 mils. The back side of each unit shall be coated with a cross-linked re-enforced butyl adhesive. The butyl adhesive shall be non-hardening sealant, with a minimum thickness of 30 mils. The seal shall be designed to stretch around the substrate then overlapped creating a cross-link and fused bond between the rubber and butyl adhesive. The application shall form a continuous rubber seal that applies inward pressure on the protected area for the life of the application. The butyl adhesive and the inward pressure exerted on the substrate will prevent the intrusion of water and soil through the joint sections of a manhole, catch basin or concrete pipe.

Gator Wrap 6, 9, or 12”

Height	6 inches, 9 inches, or 12 inches
Length	16 or 50 foot rolls
Thickness	60 mils
Height tolerances	6, 9 or 12 inches +/- .188”
Length tolerances	+/- 3”
Rubber Thickness tolerances	30 mils
Butyl Adhesive Thickness	30 mils

Stretchable, Self-Shrinking, Intra-Curing Halogenated Based Rubber

Physical Properties	ASTM Test Method	Typical Value
Shear Strength	D816	20 lb. PSI min
Tensile, PSI	D412	50 PSI
Elongation %	D412	500 %
Penetration	D217	60/140 MM
Low Temperature	D746	Minus 49° F flexibility
Heat Aging		
D573 7 days @ 90 degrees C		
Tensile Strength	minimum, PSI (MPa) > 100 PSI	Pass
Fusion	5/64” (0.2) max	Pass
Elongation %	minimum 300% at break	Pass
Ozone Resistance	no visible signs of cracking	Pass
Aging and Storage	300% elongation applied (10 Years)	Pass
UV Resistance	No visible signs of cracking	Pass