



GATOR WRAP

INFI-SHIELD® EXTERNAL GATOR WRAP



Infi-Shield® 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 0.76 mm. 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 0.76 mm. The seal shall be designed to stretch around the joint and then overlapped creating a cross-link and fused bond between the rubber and butyl adhesive. Gator Wrap forms a continuous rubber seal on a manhole joint which prevents water and soil from infiltrating through the manhole, catch basin or concrete pipe joint.

INFI-SHIELD Gator Wrap® is available in 6" (150mm) and 9" (225mm) widths and comes in a 50 foot (15.2m) roll or in a user-friendly kit which has six sixteen foot (4.8m) rolls. Gator Wrap® is also available in a 12" (300mm) width by 50 foot (15.2m) roll.

Infi-Shield® Gator Wrap prevents infiltration by providing a water-tight seal around any manhole, catch basin or concrete pipe joint. Gator Wrap resists harsh soil conditions and also provides a root barrier for any crack or joint. Infi-Shield® Gator Wrap installs easily with no special tools and can be immediately backfilled.

EPDM RUBBER SPECIFICATIONS

PHYSICAL PROPERTIES	ASTM TEST METHOD	TEST RESULTS
Hardness	D2240	64
Tensile, PSI	D412	1488 PSI
Elongation %	D412	478 %
Compression Set	D395 1sa F @22 hrs	25.1%
Low Temperature	D746	Pass/no cracks
Tear Resistance	D624	155 lbf/in
Heat Aging	D573 672 hrs @ 240° F	Pass
Tensile Strength	minimum, PSI (MPa) >100 PSI	Pass
Water Absorbtion	D471 70 hrs @ 212° F	Volume Swell 5.5% Mass Change 3.7%
Elongation %	minimum 300% at break	Pass
Ozone Resistance	D518	Pass/no cracks
Aging and Storage	300% elongation applied (10 Years)	Pass
UV Resistance	No visible signs of cracking	Pass

Material Meets ASTM C877 Type III and C923

Disclaimer: This technical data information and recommendations offered are based on test results, and findings we believe to be reliable and complete.

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INSTALLATION INSTRUCTIONS



- Expose the area that is to be sealed.
 - Clean the entire area around the joint with a wire brush and whisk broom.
 - Remove any sharp protruding edges around the joint with an abrasive tool.
 - When finished cleaning, the entire area must be dry and free of any dirt.



- Remove the first 300mm of paper backing from the mastic.
 - Center and place the Gator Wrap® around the joint.
 - Continue to remove paper backing as you apply the Gator Wrap to the entire structure.



- Seal the overlapping area with a 150mm overlap.
 - Be sure not to stretch material at the overlap area.



- Cut excess material using a utility knife.
 - Using a rubber mallet or hand held roller, firmly flatten the Gator Wrap® 360 degrees around joint.

INDEPENDENT SEWER
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