



# INFI-SHIELD® UNI-BAND

*Provides Erosion Control in Catch Basins*



**The Problem**



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**Infi-Shield® Uni-Band provides erosion control by preventing siltation in catch basin inlets. Infi-Shield® is made of a high quality EPDM rubber and is bonded using a non-hardening butyl mastic with excellent adhesion properties. The Infi Shield® Uni-Band seal is one continuous band that externally seals the grade adjustment ring area and joint sections in catch basins. Infi-Shield® Uni-band is able to fit any shaped structure and installs easily in minutes without any special tools.**

## **The Solution**



**Sealing Systems, Inc.**

9350 County Road 19 ♦ Loretto, MN 55357 ♦ 763-478-2057 ♦ 800-478-2054 ♦ Fax 763-478-8868 ♦ [www.infi-shield.com](http://www.infi-shield.com)

# INFI-SHIELD®

## APPLICATION STANDARDS & TECHNICAL DATA TEST RESULTS

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>REQUIREMENTS</u>	<u>TEST RESULTS</u>
HARDNESS	D2240	60 +/-5 DURO	61 DURO
TENSILE	D412	1200 PSI/MIN	1510 PSI/MIN
ELONGATION	D412	350 % MIN	460%
OZONE RESISTANCE	D1149 72 HRS @ 50 PPHM	NO CRACKS	PASS
COMPRESSION SET	D395 METHOD B 22 HRS @ 77°C	25% MAX	24%
HEAT AGED HARDNESS	D573 70 HRS @ 100° C	No Requirements	+65(+4 PTS)
HEAT AGED TENSILE	D573 70 HRS	-15% MAX	-1390 PSI (-14%)
HEAT AGED ELONGATION	D573 70 HRS @ 100°C	-20% MAX	370% (-20%)
WATER RESISTANCE	D471 70 HRS @ 100°C	VOLUME CHANGE +10% MAX	+1.8%
LOW TEMPERATURE BRITTLENESS	D2137 -40°C	NO CRACK ON IMPACT	PASS



The **Infi-Shield®Uni-band** has an inspection tab attached at the top of the seal and an aerosol primer is also included. A clean surface is necessary but no special tools are required for installation. The **Infi-Shield® Uni-band** can be immediately backfilled.



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