



INFI-SHIELD®

Prevents Inflow and Infiltration in Sanitary Manholes

Provides Erosion Control by Preventing Siltation in Manholes



The Problem



The Problem

The new and improved **Infi-Shield® Uni-band** is an inexpensive and permanent method of externally sealing the grade adjustment ring area of a manhole. The one piece molded seal has a reinforced preformed L shaped corner. Accommodating ground movement, **Infi-Shield Uni-band's** high quality rubber and non-hardening butyl mastic provide a flexible water-tight seal around the structure. **Infi-Shield® Uni-band** saves taxpayer's money by not having to treat the extra clear water and by avoiding expensive repair and maintenance costs.

The Solution

New & Improved Seal

**Works on top slab
installations too!**



Sealing Systems, Inc.

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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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