

Sealing Systems, Inc.

9350 County Rd. 19
Loretto, MN 55357

Toll free: 800-478-2054
Fax: 763-478-8868
www.ssisealingsystems.com

Infi Shield® Internal Uni-Band

APPLICATIONS STANDARDS & TECHNICAL DATA TEST RESULTS

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>REQUIREMENTS</u>	<u>TEST RESULTS</u>
HARDNESS	D2240-05	45	45
TENSILE	D412-06a	1200 PSI/MIN	1964 PSI
ELONGATION	D412-06a	350% MIN	637%
OZONE RESISTANCE	D1149-07 70 HRS @ 40° C & 50 mPA		PASS
COMPRESSION SET	D395 22 HRS @ 70°C	25% MAX	16.8%
HEAT AGED HARDNESS	D865-99 96 HRS @ 70°C	NO REQUIREMENTS	+5
HEAT AGED TENSILE	D865-99 96 HRS @ 70°C	NO REQUIREMENTS	+5
HEAT AGED ELONGATION	D573 70 HRS @ 70°C	NO REQUIREMENTS	-8
WATER RESISTANCE	D471-06 48 HRS @ 70°C	VOLUME CHANGE +10% MAX	3.7%
LOW TEMPERATURE BRITTLENESS	D2137-05 (3 min. @ -40°C)	NO CRACK ON IMPACT	PASS

SPECIFICATIONS: ASTM C923

VALUES WERE OBTAINED FROM STANDARD TEST SLABS AND BUTTONS.

PROPERTIES OF STAINLESS STEEL BANDS:

16 GAUGE 304 STAINLESS STEEL

PROPERTIES OF INFINITE EXPANSION DEVICE:

304 STAINLESS STEEL