

# FLEX SEAL UTILITY SEALANT®

Manhole and Catch Basin grade adjustment rings and joint sealing system.

THE PROBLEM



THE SOLUTION



An inexpensive and permanent method of sealing the grade adjustment ring area and joint sections in a manhole or catch basin from inside of the structure. This state-of-the-art urethane material is packaged in a kit that is easily applied by SSI certified installers.



# FLEX SEAL UTILITY SEALANT®

## SEALING SYSTEMS, INC.

### APPLICATION STANDARDS & TECHNICAL, DATA TEST RESULTS

PROPERTY	MEASURING CONDITION	FLEX-SEAL UTILITY SEALANT®	PRIMER
Weight	ASTM-E 201	9.5# per gal.	9.4# per gal.
Solid Content	By Volume	91%	92.2%
Hardness (Durometer)	ASTM-D 2240	75	85-90
Elongation (at break)	ASTM-D 412	800%	400%
Vacuum	ASTM-C 1244	2 min. @ 10 inches	
Tensile Strength	ASTM-D 412	1,150 p.s.i.	3200 p.s.i.
Adhesive Strength	ASTM -D 903	175 lb. 1/in.	400 lb. 1/in.
Water Adsorption	ASTM -D 570	.05% by weight	.03% by weight
Tear Resistance	ASTM-D 1004	155 lb. 1/in.	210 lb. 1/in.
Weatherability	ASTM-D 822 500 hrs	Slight color change	Loss of gloss
Temp. Cure Range	Fed Std 141 meth 6223	-65 to 250 F	(-54 to 121 °C) -65 to 250 F

Calcium Chloride (Road Salt)	No Effect
1% Detergent Solution	No Effect
Chlorinated Pool Water	No Effect
Anti-Freeze	No Effect
Motor Oil	Stained

Hydraulic Brake Fluid	Slight Bleaching
Gasoline	Slight Swelling
Hydrogen Sulfide	No Effect
Sulfuric Acid (20%)	No Effect
Sodium Hydroxide (5%)	No Effect

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



Flex-Seal Utility Sealant® is packaged in a kit weighing just 4.3kg. The recommended mil thickness is directly related to the expansion associated within the territories climate.

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