

# ***FLEX-SEAL UTILITY SEALANT***<sup>®</sup>

*Manhole and Catch Basin grade adjustment rings & 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 the inside of the structure. This state-of-the-art urethane material is packaged in a kit that is easily applied by SSI certified installers.



**Sealing Systems, Inc.**

23230 W. Thomess Blvd. • Loretto, MN 55357 • (763) 478-2057 • (800) 478-2054 • Fax (763) 478-8868 • [www.flexseal.net](http://www.flexseal.net)

# ***FLEX-SEAL UTILITY SEALANT®***

## **SEALING SYSTEMS, INC.**

### **APPLICATION STANDARDS & TECHNICAL DATA TEST RESULTS**

<b>PROPERTY</b>	<b>MEASURING CONDITION</b>	<b>FLEX-SEAL UTILITY SEALANT®</b>	<b>PRIMER</b>
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. l/in.	400 lb. l/in.
Water Adsorption	ASTM-D 570	.05% by weight	.03% by weight
Tear Resistance	ASTM-D 1004	155 lb. l/in.	210 lb. l/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	-65 to 250 F

#### **FLEX-SEAL UTILITY SEALANT®**

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 9-1/2 pounds. The recommended mil thickness is directly related to the expansion associated with- in the territories climate.



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