



## A-26

### AST Seal Material

A-26 is a cast urethane material designed to seal roof penetrations on External Floating Roof Tanks (EFRT) and Internal Floating Roof Tanks (IFRT). A-26 features high resistance to abrasion, 100% liquid and vapor aromatics, neat MTBE, U/V and ozone. A-26 offers excellent hydrolytic stability, tensile strength and chemical compatibility to provide maximum service life.

Description	Test	Properties
Weight	Internal	9.74 lb/cu ft
Gauges (inches)	Internal	.125, .1875, .250
Standard Sheet Size	Internal	48 in x 50 in
Tensile Strength	ASTM D-412-68	7,500 lb/sq in
Elongation % at Break	ASTM D-412-68	500
Durometer (Shore A)	ASTM D-2240-68	90
Compression Set %	ASTM D-395 Method B	5
Ozone (50 PPHM at 104 °F for 72 hrs)		No cracking
Hydrolytic Stability (95% rel. humidity at 160 °F for 72 hrs)		7,000
Low Temperature (5 hrs at -40 °F) ASTM D-2136		No cracking

Elastomer Immersion	(70 °F to 110 °F)	Volume Swell
Toluene (neat)	13,392 hrs	6,000 / 25%
Gasoline	13,392 hrs	6,000 / 25%
80% Gasoline, 20% MTBE	1,092 hrs	7,120 / 5%
Gasoline (premium)	6,500 hrs	6,375 / 14%

Saturated Vapor	(70 °F to 110 °F)	
Ethanol (neat)	6,500 hrs	2,250 / 30%
50% Gasoline, 50% Ethanol	6,500 hrs	5,625 / 50%
MTBE (neat)	13,400 hrs	6,750 / 20%

Values represent nominal average value properties. This information is furnished upon the condition that the person receiving it shall evaluate its suitability for the specific application.



MR-6036-A26-09

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