

TECHNICAL DATASHEET: ENSOLITE® IV1

PRODUCT DESCRIPTION

Medium/soft firmness, closed cell vinyl nitrile foam.

TYPICAL APPLICATIONS

- Tonneau cover sealing tape
- Truck tool box sealing tape
- Curtain wall mullion end dams
- Acoustic panel tape

PRODUCT FEATURES & BENEFITS

- Medium/soft, conformable foam
- Flame retardant
- Good weather resistance

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/16", 1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 1"	
COLOR	Black	
POLYMER	Polyvinyl Chloride (PVC) / Nitrile Butadiene Rubber (NBR) / Chloroprene Rubber (CR)	
DENSITY	3.5 - 5.5 lb/ft ³	ASTM D1056
DUROMETER/HARDNESS (SHORE 00)	30 - 45	ASTM D2240
COMPRESSION DEFLECTION @ 25%	2 - 5 psi	ASTM D1056
COMPRESSION SET (MAX)	40%	ASTM D1056
COMPRESSION DEFLECTION CHANGE AFTER OVEN AGING	±30%	ASTM D1056
WATER ABSORPTION (MAX)	10%	ASTM D1056
WEATHER RESISTANCE	Good	
ELONGATION	100%	ASTM D412
FLAME RETARDANT	Yes	
FMVSS-302	Pass	
UL 94 HF-1	Listed ¹	
UL 94 V0	Listed ¹	
UL 94 V1	Listed ¹	
TEAR STRENGTH	9 lb/in	ASTM D624
SERVICE TEMPERATURE	-40°F to 200°F	
ASTM D1056-07	2C1	
ASTM D1056 SUFFIX'S	F1, M	
THERMAL CONDUCTIVITY	.231 btu/(h·ft ² ·°F)	
FAR 25.853 F PART 1 (a)(1)(ii)	Pass	
TENSILE STRENGTH (MINIMUM)	50 psi	ASTM D412 (DIE A)
ASTM D6576-07	Type II A, B, Soft	
TSM 1501G	2C1	
WSK-M2D419-A	Type II	
UL50E	Listed	
GMW15473	Class I Type IV	

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. **REV. 0**