



Material Data Sheet

Product: Tetrafluoroethylene/ hexafluoropropylene/ vinylidene fluoride	Base Material: Film
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Description

Tetrafluoroethylene/hexafluoropropylene/vinylidene fluoride (THV) is noted for clarity and displays excellent resistance to chemicals as well as UV.

Typical Properties

<u>Physical Properties</u>	<u>Test Method</u>	<u>Unit</u>	<u>Value</u>
Density	ISO 1183	lbs/in ³	0.0643
Water Absorption, 24 hours @ 23 °C	ISO 62	%	<=0.0400
<u>Mechanical Properties</u>			
Tensile Strength at Break	ASTM D-638	psi	6090
Tensile Strength, Yield	50 mm/min ASTM D-638	psi	7980
Elongation at Break	ASTM D-638	%	35.0
Elongation at Yield	50 mm/min ASTM D-638	%	7.00
Flexural Modulus	50 mm/min ASTM D-638	ksi	319
<u>Thermal Properties</u>			
Melting Point	ASTM D-3418	F	345
Flammability	-	-	V-0
Oxygen Index	limiting; ASTM D-2863	%	>=44.0

The information presented in this publication is believed to be accurate and is not intended to constitute a specification. The values given reflect average material characteristics and may vary slightly between base suppliers. Users should evaluate the material to determine the suitability for their own particular application.

Base on terms and conditions

Seller's only obligation shall be to replace such quantity of the product proven to be defective. Seller shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use, or inability to use the product for his/her use, and the user assumes all risk and liability whatsoever in connection therewith. The foregoing may not be changed, except by an agreement signed by an officer or seller. We hereby certify that goods covered by this quotation have been produced in compliance with the Fair Labor Standards Act of 1983, as amended. Any credit memos to purchaser shall expire if not used within one year from date of credit memo.

