



# Saran 560 Vapor Retarder Film

## High Performance Water Vapor Retarder

Saran\* Vapor Retarder Film is a biaxially oriented barrier film designed as a water vapor retarder for insulation applications. It is available in 600 gauge.

Roll size: 35.5" wide x 250' long.

Properties	Test Method	Typical Value <sup>(1)</sup>
Thickness Average, mil	ASTM D374	6
Yield, ft <sup>2</sup> /lb	Calculated	19.3
Permeance, perms <sup>(3)</sup>	ASTM E96-93	0.010
Ultimate Tensile Strength, lb/in <sup>2</sup>	ASTM D882	MD 10,300 TD 15,300
Ultimate Elongation, %	ASTM D882	MD 145 TD 79
2% Secant Modulus, lb/in <sup>2</sup>	ASTM D882	MD 77,300 TD 56,000
Mullen Burst, lb/in <sup>2</sup>	ASTM D774	174
Puncture Resistance, Beach units	TAPPI T803, ASTM D781	273/199
Unrestrained Shrink, %	100°C Air	MD 8 TD 6
Surface Burning Characteristics <sup>(4)</sup>	ASTM E-84-95	Flame Spread 5 Smoke Density 25
Operational Ambient Temperature Range		-40°F <sup>(2)</sup> to 250°F

(1) NOTE: The data in the "Typical Value" column reflect properties, as measured on representative samples of film. They do NOT reflect specifications.

(2) For maximum film flexibility during installation, it is recommended that Saran film products be installed at ambient temperatures above 24°F.

(3) 1 perm = 1 gr/1 hr/ft<sup>2</sup>/in. Hg @ 73°F, 50% RH.

(4) This numerical flame spread data is not intended to reflect hazards presented by this or any other material under actual fire conditions.

NOTICE REGARDING LONG-TERM MEDICAL IMPLANT APPLICATIONS: The Dow Chemical Company does not recommend any medical grade resin or film product for long-term medical implant applications in humans, i.e., for more than 72 hours (or 30 days, for PELLETHANE\* polyurethane elastomers). Further, Dow does not recommend the use of any resin (or film) product in cardiac prosthetic devices regardless of the time period that the device will be wholly or partially implanted in the body. Such applications include, but are not limited to, pacemaker leads and devices, cardiac prosthetic devices such as artificial hearts, heart valves, intra-aortic balloons and control systems and ventricular bypass assist devices. Dow does not recommend any nonmedical grade resin (or film) product for use in any human implant applications.

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COMBUSTIBLE: Protect from flame and other high heat sources. For more information, consult MSDS and/or call Dow (1-800-441-4369). In an emergency, call (1-517-636-4400). Local building codes may require a protective or thermal barrier. Contact your local building inspector for more information.

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**For Technical Information:  
1-800-441-4DOW (4369)**

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