SOLAR SAFETY SERIES | N1020 SR PS4 (Neutral)





Benefits and selection criteria

- Helps hold shattered glass together should a break occur
- Helps slow down entry through glass
- Pressure-sensitive adhesive has a low visual distortion that provides optical clarity
- Most often used to help hold shattered glass in place during human impact, an earthquake or in the event of spontaneous tempered glass breakage
- Provides excellent reduction of heat and glare with low interior and exterior reflectance
- Shields >99% of UV radiation, helping to reduce fading of valuables, fabrics and furnishings**
- Please see LLumar.com for recommendations and test results for specific glass and frame types

*Certain restrictions apply; see an authorized dealer for warranty details. **Films do not eliminate fading - they reduce it. UV rays and heat are contributing factors to fading,

















Manufacturer's imited Warranty









Performance Data	% Total Solar Transmittance	% Total Solar Reflectance	% Total Solar Absorptance	% Visible Light Transmittance	% Visible Reflectance (exterior)	% Visible Reflectance (interior)	Winter U-value	Shading Coefficient	% Ultraviolet Ray Protection (wavelengths 300-380nm)	Emissivity	Solar Heat Gain Coefficient	% Total Solar Energy Rejected	Light-to-Solar Heat Gain Ratio (LSG)	% Summer Solar Heat Gain Reduction	% Winter Heat Loss Reduction	% Glare Reduction
Clear Glass 1/8" (3mm) single pane	83	8	9	90	8	8	1.03	1.00	29	0.84	0.86	14	1.05	-	-	-
N1020 SR PS4 1/8" (3mm) single pane	23	22	55	24	26	27	1.06	0.47	>99	0.88	0.41	59	0.59	52	-2	73
Physical Properties	Flim Thickness (inches)		Appearance	Film Structure		Tensile Strength (constructed)		lensile Strangth (average as reported) Break Strength		(n)	Break Strength (average load)	Elongation at Break		Peel Strength		Puncture Strength
N1020 SR PS4	0.00	4	Dark Neutral	Мι		33,884	32	2,000	120		119	>10)0% >	-2720 (>		78

The solar performance data reported for LLumar architectural window films was captured using the National Fenestration Rating Council's (NFRC) standard guidelines for window film solar performance measurement.

All safety and performance data has been measured in accordance with ASTM, ASHRAE, AIMCAL and ANSI standards using NFRC methodology with Lawrence Berkeley National Lab's WINDOW Fenestration Analysis Software.

Reported values are taken from representative product samples and are subject to normal manufacturing variances. Actual performance will vary based on a number of factors, including glass type and properties.