

Technical Data

Product Name		4 MIL SAFETY FILM
1	VISIBLE LIGHT TRANSMITTANCE	90
2	VISIBLE LIGHT TRANSMITTANCE TOLERANCE	90 ± 3.0
3	VISIBLE LIGHT REFLECTANCE EXTERIOR	9
4	VISIBLE LIGHT REFLECTANCE INTERIOR	9
5	SOLAR ENERGY TRANSMITTANCE	83
6	SOLAR ENERGY REFLECTANCE	6
7	SOLAR ENERGY ABSORPTION	11
8	% ULTRAVIOLET LIGHT TRANSMISSION	<1%
9	TOTAL SOLAR ENERGY REJECTED	13
10	SHADING COEFFICIENT	0.98
11	SOLAR HEAT GAIN COEFFICIENT	0.87
12	LUMINOUS EFFICACY	0.92
13	EMISSION	0.89
14	WINTER MEDIAN U VALUE	1.12
15	GLARE REDUCTION	1
16	NIR BLOCKING AT 1025 NM	15 ± 3.0
PHYSICAL PROPERTIES		
17	THICKNESS	4 MIL
18	APPEARANCE	CLEAR
19	NUMBER OF LAYERS	1
20	TENSILE STRENGTH AT BREAK (PSI) ASTM D882	25600
21	BREAK STENGTH IN LBS/INCH ASTM D882	106
22	% ELONGATION AT BREAK ASTM D882	130
23	PEEL STRENGTH (GRAMS/INCH) FTM 01	2500

Note :- The performance data reported on this page was tested using ASHRAE, ASTM & BSEN 410 Standards.
 All values as applied to 1/8 inch clear glass. Test results are representative of actual production and may vary from batch to batch.