



PRODUCT TESTING AND SPECIFICATIONS

	Glass Shield 4-Mil/6-Mil	Glass Shield Poly	Glass Shield NH70 6-Mil/12-Mil	Metal Shield Brushed Aluminum	Metal Shield Stainless Steel	Metal Shield Brushed Gold	Mirror Shield	Custom Shield
TESTING								
Thickness	.004/.006	0.006	.006/.0125	0.0065	0.006	0.008	0.005	.005/.0075
Widths	36"/48"/60"/72"	60"	59"	59"	60"	59"	60"	47"/59"
Liner Thickness	0.001	0.001	0.003	0.003	0.003	0.003	0.003	0.003
Scratch Resistant Z26.1 Test 17	YES	YES	YES	YES	YES	YES	YES	N/A
Chemical Resistant Z26.1 Test 19	YES	YES	YES	YES	YES	YES	YES	N/A
Acid Resistant	YES	YES	YES	YES	YES	YES	YES	N/A
ASTM E84-16 Flame & Smoke Spread	Class A	Class A	Class A	Class A	Class A	Class A	Class A	*Pass
ASTM E-162 Flame Spread	Pass	Pass	Pass	Pass	Pass	Pass	Pass	*Pass
ASTM E-662-17 Smoke Generation	Pass	Pass	Pass	Pass	Pass	Pass	Pass	*Pass
ASTM D-882 Tensile	Pass	Pass	Pass	Pass	Pass	Pass	Pass	*Pass
ASTM D-3330 Peel	Pass	Pass	Pass	Pass	Pass	Pass	Pass	*Pass
ANSI Z97.1 National Std. for Safety Glazing	Pass	Pass	Pass	N/A	N/A	N/A	Pass	*Pass
CPSC 16 CFR 1201 Cat 1	Pass	Pass	Pass	N/A	N/A	N/A	Pass	*Pass
Z26.1 Test 1,2,28	Pass	Pass	Pass	N/A	N/A	N/A	N/A	N/A
Tensile Strength	25k lbs	25k lbs	25k lbs	25k lbs	25k lbs	25k lbs	25k lbs	25k lbs
Peel Strength	3-4lbs	3-4lbs	3-4lbs	3-4lbs	3-4lbs	3-4lbs	3-4lbs	3-4lbs

SPECIFICATIONS								
Solar Heat Gain Coefficient	0.82	0.8	N/A	0.2	0.18	N/A	0.04	N/A
Total Solar Energy Rejected	17%	19%	44%	78.2%	80.9%	N/A	95.7%	N/A
Solar Energy Reflectance	11%	10%	N/A	48.0%	42.2%	N/A	88%	N/A
Solar Energy Absorbed	10%	15%	N/A	41.0%	56.6%	N/A	11%	N/A
Solar Energy Transmitted	82%	73%	N/A	1.1%	1.2%	N/A	1%	N/A
Visible Light Reflectance	10%	11%	7%	54.0%	40.5%	N/A	89%	N/A
Visible Light Transmitted	88%	83%	65%	0.4%	0.6%	N/A	0%	N/A
UV Rejection	99%	93%	99%	99%	99%	N/A	99%	N/A
IR Rejection	24%	N/A	37%	97.5%	98.3%	N/A	98.7%	N/A