

PRODUCT SPECIFICATION

CLEAR SAFETY AND SECURITY FILMS

CLEAR SECURITY	2M	4M	7M	8M	11M	16M	21M
Film Thickness	0.002”	0.004”	0.007	0.008	0.011	0.016	0.021
Visible Light Transmitted	88%	86%	85%	83%	82%	82%	79%
Total Solar Transmittance	75%	74%	71%	77%	70%	70%	65%
Total Solar Reflected	8%	8%	10%	8%	10%	9%	12%
Total Solar Absorbance	17%	18%	19%	15%	20%	21%	23%
Visible Light Reflectance	10%	10%	10%	10%	10%	10%	12%
Winter U Value	1.05	1.05	1.05	1.05	1.05	1.05	1.01
Shading Coefficient	0.93	0.92	0.91	0.92	0.91	0.90	0.88
Tensile Strength	34,100 psi	34,900 psi	32,260psi	32,500 psi	32,700 psi	32,500 psi	28,200 psi
Break Strength	68 lbs/inch	136 lbs/inch	216 lbs/inch	269 lbs/inch	370 lbs/inch	480 lbs/inch	600 lbs/inch
Puncture Strength	54 lbs	93 lbs	149 lbs	173 lbs	243 lbs	274 lbs	358 lbs
UV Rejected	99%	99%	99%	99%	99%	99%	99%
Total Solar Energy Rejected	19%	20%	20%	19%	22%	25%	27%
Solar Properties mounted to ¼ inch clear plate glass							

PRODUCT SPECIFICATION

CHARCOAL SAFETY AND SECURITY FILMS

CHARCOAL 4M SECURITY SERIES	CHARCOAL 15	CHARCOAL 35	CHARCOAL 50
Film Thickness	0.004”	0.004”	0.004”
Visible Light Transmitted	15%	36%	51%
Total Solar Transmittance	75%	74%	61%
Total Solar Reflected	8%	8%	8%
Total Solar Absorbance	49%	37%	31%
Visible Light Reflectance – Internal	5%	5%	5%
Visible Light Reflectance - External	6%	6%	6%
Winter U Value	1.05	1.05	1.05
Shading Coefficient	0.66	0.76	0.81
Tensile Strength	34,900 psi	34,900 psi	34,900 psi
Break Strength	136 lbs/inch	136 lbs/inch	136 lbs/inch
Puncture Strength	93 lbs	93 lbs	93 lbs
UV Rejected	99%	99%	99%
Total Solar Energy Rejected	43%	34%	29%
Solar Properties mounted to ¼ inch clear plate glass			

PRODUCT SPECIFICATION

SILVER SAFETY AND SECURITY FILMS

SILVER 4M & 8M SECURITY SERIES	SILVER 20	SILVER 20
Film Thickness	0.004”	0.008”
Visible Light Transmitted	15%	15%
Total Solar Transmittance	12%	12%
Total Solar Reflected	55%	55%
Total Solar Absorbance	33%	33%
Visible Light Reflectance – Internal	58%	58%
Visible Light Reflectance - External	60%	60%
Winter U Value	0.94	0.94
Shading Coefficient	0.24	0.24
Tensile Strength	33,600 psi	30,400 psi
Break Strength	134 lbs/inch	265 lbs/inch
Puncture Strength	103 lbs	173 lbs
UV Rejected	99%	99%
Total Solar Energy Rejected	79%	79%

Solar Properties mounted to ¼ inch clear plate glass

ANTI – GRAFFITI (CLEAR)

ANTI – GRAFFITI 4M

ANTI - GRAFFITI 6M