

FILM TO GLASS CHART - LOW E

				LOW E STANDARD		E2 or PLUS		E3 or PLUS PLUS		LAMINATED
Product	Visible Light Transmitted	Solar Energy Reflected	Solar Energy Absorbed	Thickness 1/8" - 1/4"		Thickness 1/8" - 1/4"		Thickness 1/8" - 1/4"		Clear or Tinted
				Up to 30 ft²	30 to 40 ft²	Up to 30 ft²	30 to 40 ft²	Up to 30 ft²	30 to 40 ft²	Any size
SILVER										
Silver 20 DA	20%	54%	34%	🟡	🟡	🟡	🔴	🟡	🔴	🔴
Silver 30 DA	31%	43%	35%	🟡	🟡	🟡	🟡	🟡	🟡	🔴
Silver 45 DA	45%	29%	36%	🟢	🟢	🟢	🟢	🟢	🟢	🔴
BRONZE										
Bronze 20 DA	22%	40%	46%	🟡	🟡	🟡	🟡	🟡	🟡	🔴
Bronze 35 DA	35%	30%	45%	🟢	🟢	🟡	🟡	🟡	🟡	🔴
NEUTRAL										
Daylight 20 DA	18%	26%	56%	🟡	🔴	🟡	🔴	🔴	🔴	🔴
Daylight 35 DA	34%	17%	52%	🟡	🟡	🟡	🟡	🟡	🟡	🔴
Daylight 60 DA	57%	9%	38%	🟢	🟢	🟢	🟢	🟢	🟢	🔴
Crystal Clear 70	69%	32%	19%	🟢	🟢	🟢	🟢	🟢	🟢	🟢
DUAL REFLECTIVE										
One-Way DA	8%	54%	37%	🟡	🟡	🟡	🟡	🟡	🟡	🔴
Evening View 15 DA	15%	48%	39%	🔴	🔴	🔴	🔴	🔴	🔴	🔴
Evening View 25 DA	26%	28%	44%	🔴	🔴	🔴	🔴	🔴	🔴	🔴
Evening View 35 DA	37%	15%	44%	🔴	🔴	🔴	🔴	🔴	🔴	🔴
Evening View 45 DA	46%	10%	40%	🟢	🟢	🟢	🟢	🟢	🟢	🔴
EXTERIOR										
Exterior Silver 20	18%	59%	26%	🟢	🟢	🟢	🟢	🟢	🟢	🟢
ANTI-GRAFFITI										
Anti-Graffiti 4Mil	90%	6%	11%	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Anti-Graffiti 6Mil	90%	7%	12%	🟢	🟢	🟢	🟢	🟢	🟢	🟢
SAFETY										
Safety Clear 4Mil	90%	6%	11%	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Safety Clear 7Mil	90%	7%	12%	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Security 8Mil	88%	7%	13%	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Security 12Mil	87%	7%	18%	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Security 15Mil	86%	9%	14%	🟢	🟢	🟢	🟢	🟢	🟢	🟢
SOLAR SAFETY										
Security 8Mil Silver 20	18%	53%	34%	🟡	🟡	🟡	🔴	🟡	🔴	🔴
Security 8Mil Neutral 35	36%	19%	51%	🟡	🔴	🟡	🔴	🔴	🔴	🔴
DESIGN										
White frost	67%	12%	25%	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Black out	0%	7%	92%	🔴	🔴	🔴	🔴	🔴	🔴	🔴
White out	0%	37%	62%	🔴	🔴	🔴	🔴	🔴	🔴	🔴

CHART LEGEND : RECOMMENDED CAUTION RECOMMENDED, PREAPPROVAL REQUIRED DO NOT USE IN ANY CIRCUMSTANCES

Solar properties are typical values and should not be considered specifications. All solar measurements performed on 3mm glass.