

# HIGH PERFORMANCE FILMS

**Designed to be highly Energy Efficient film**

*This is a double ply (1.5 mil) 37 microns thick dyed film with a metallic sheen, which has been specially developed to provide higher heat rejection and to be highly energy efficient, without compromising on light transmission.*

	HP CH 05	HP CH 50	HP NAT 20	HP NAT 35	HP GEEN 30	HP BLUE 35	HP GREY 50
Thickness	1.5 Mil	1.5 Mil	1.5 Mil	1.5 Mil	1.5 Mil	1.5 Mil	1.5 Mil
Visible Light Transmittance	4%	54%	21%	39%	35%	41%	53%
Visible Light Reflectance	5%	8%	7%	14%	7%	10%	9%
Solar Energy Transmittance	21%	55%	24%	36%	43%	40%	54%
Solar Energy Reflectance	12%	7%	13%	16%	8%	11%	7%
Solar Energy Absorbance	67%	38%	63%	48%	49%	49%	39%
Ultra Violet Transmittance	< 1%	< 1%	< 1%	< 1%	< 1%	< 1%	< 1%
Glare Reduction	96%	41%	77%	57%	61%	55%	42%
Shading Coefficient	0.46	0.76	0.49	0.57	0.66	0.62	0.75
Emissivity	0.78	0.88	0.77	0.80	0.84	0.80	0.87
U Factor (BTU/hr./sq.ft.)	1.03	1.15	1.13	1.11	1.12	1.10	1.14
Total Solar Energy Rejection	61%	34%	58%	51%	43%	46%	35%

*Disclaimer: All values as applied to 1/8 inch Clear Plate Glass.  
Tests are representative of actual production & may vary from batch to batch.*