

ATR 05 CH SR HPR

Technical data according to EN 410 and EN 673

4 mm single

4 / 16 / 4 mm double

Corrected emissivity of uncoated glass surface

0.837

Solar Energy Transmission, τ_e	17 %	14 %
Solar Energy Reflection, ρ_e	14 %	16 %
Solar Energy Absorption, a_e	69 %	70 %

Visible Light Transmission, τ_V	5 %	5 %
Visible Light Reflection (External) , ρ_{Ve}	6 %	13 %
Visible Light Reflection (Internal) , ρ_{Vi}	6 %	7 %

Ultraviolet Transmission, τ_{UV}	< 1 %
Ultraviolet Rejection	> 99 %

g value	0.33	0.52
Shading Coefficient	0.38	0.60
Total Solar Energy Rejected	67 %	48 %
Glare Reduction	94 %	95 %

U value, single glazing (W/m ² .K)	5.6	-
U value, double glazing, Air filled (W/m ² .K)	-	2.7

Emissivity, ϵ_n	0.84
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Thickness without liner	45 μ
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Film Colour / Appearance	Dark charcoal
Installation position	Interior
Warranty	5 years**

Installation Notes: Use Film On for installation.

* Please check the complete Film to Glass Thermal Stress Compatibility Guidelines **before** film installation. ** Contact Solutia Performance Films for full details. All values for engineering parameters are determined by the manufacturer and independent testing laboratories.

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Features & Benefits

- Solar control and daylight privacy film
- Improvement of working conditions due to a reduction in solar heat gain
- Reduction in air-conditioning costs and hence a reduction in energy costs
- Excellent glare reduction with low visible light reflection
- Excellent anti-UV protection integral to the polyester: helps to reduce fading of textiles, furniture, and works of art
- Scratch resistant coating: Excellent resistance to scratching and abrasion, increasing longevity and allowing easy cleaning
- Interior installation

ATR 05 CH SR HPR Spectra

