

RN07 GR 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	6 %	5 %
Solar Energy Reflection, ρ_e	58 %	50 %
Solar Energy Absorption, a_e	36 %	45 %

Visible Light Transmission, τ_V	5 %	5 %
Visible Light Reflection (External) , ρ_{Ve}	65 %	63 %
Visible Light Reflection (Internal) , ρ_{Vi}	16 %	16 %

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

g value	0.14	0.25
Shading Coefficient	0.16	0.30
Total Solar Energy Rejected	86 %	75 %
Glare Reduction	94 %	95 %

U value, single glazing (W/m ² .K)	5.3	-
U value, double glazing, Air filled (W/m ² .K)	-	2.6

Emissivity, ϵ_n	0.71
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Thickness without liner	45 μ
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Film Colour / Appearance	Silver/Grey
Installation position	Interior
Warranty	5 years**

Installation Notes: RN07GR is specially designed as a "one way mirror" film. It must be installed so that the reflective surface faces the area to be observed. 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

- Superb “One Way Mirror” – Daylight privacy
- Solar control and privacy film – dual reflective grey tint: Allows easier view out compared to silver reflective films
- Significant improvement of working conditions due to a high reduction in solar heat gain
- Reduction in air-conditioning costs and hence a reduction in energy costs
- Excellent glare reduction
- 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
- Also used as a Décor & Design or Privacy Film

RN07 GR SR HPR Spectra

