

SCL SR PS15

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	77 %	64 %
Solar Energy Reflection, ρ_e	8 %	13 %
Solar Energy Absorption, a_e	15 %	23 %

Visible Light Transmission, τ_V	86 %	78 %
Visible Light Reflection (External) , ρ_{Ve}	9 %	16 %
Visible Light Reflection (Internal) , ρ_{Vi}	10 %	16 %

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

g value	0.80	0.72
Shading Coefficient	0.92	0.84
Total Solar Energy Rejected	20 %	28 %
Glare Reduction	2 %	12 %

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	404 μ
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Film Colour / Appearance	Clear
Installation position	Interior
Warranty	10 years**

Installation Notes: Safety and security films must be installed by trained and qualified personnel. 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

- Safety and Security Film: Passes EN 356 Class P2A
- Modifies glass to safe breakage in conformity with EN 12600
- Complies with EN 12600 Class 1(B)1 on 4 mm float glass
- Excellent transparency
- Nearly invisible, once installed
- Scratch resistant coating: Excellent resistance to scratching and abrasion, increasing longevity and allowing easy cleaning
- High adhesive bond strength with glass – enhances safety against impact, bomb blast and deliberate attack
- Acrylic heat resistant pressure sensitive adhesive with fast adhesion to glass
- Interior installation
- All safety and security films should only be installed by persons trained by Solutia Performance Films. Specific procedures must be followed.
- Features:
 - Tensile Strength - Machine direction 209 N / mm²; - Transverse direction 174 N / mm²
 - Yield Strength - Machine direction 104 N / mm²; - Transverse direction 108 N / mm²
 - Elongation at Break - Machine direction 90 %; - Transverse direction 120 %
 - Elongation at Yield - Machine direction 7 %; - Transverse direction 7 %

SCL SR PS15 Spectra

