

purlfrost

window film

HRF-40

Heat Rejection Film

This multi alloy film is designed to act selectively on the solar light spectrum, offering the best compromise between transparency (internally and externally) and performance. The film is also low reflective making it ideal for retail outlets.

PERFORMANCES

Ultraviolet Reduction (UV)	99 %
Visible Light Transmission	62 %
External Visible Light Reflection	14 %
Internal Visible Light Reflection	14 %
Total Solar energy Rejected	57 %
Solar Energy Reflection	34 %
Solar Energy Absorption	29 %
Solar Energy Transmission	37 %
Glare Reduction	34 %
Solar Heat Gain (G-Value)	0.44
U-Value (W/m ² K)	4.90
Shading Coefficient	0.50

APPLICATION

INTERNAL	✓
EXTERNAL	✗

WARRANTY: 10 YEARS

FIRE RESISTANCE RATING: M1 (non-flammable)

STORAGE

Store for up to 3 years in a dry place, between -5°C and +40°C

CONSTRUCTION

1. "Hard" scratch resistant layer, for durability and ease of maintenance during window cleaning
2. High optical quality polyester, with anti IR metal particles deposit
3. Bonding adhesive
4. High optical quality polyester
5. PS adhesive, glass polymerization within 15 days
6. Protection release liner, disposable after installation

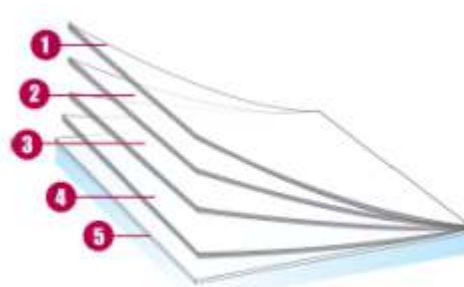


COMPATIBILITY

Clear Single Pane	✓
Tinted Single Pane	✓
Reflective Tinted Single Pane	✓
Clear Double Pane (non toughened)	✓
Clear Double Pane (toughened glass)	✓
Clear Laminated Single Pane	✓
Clear Laminated Double Pane	✓
Tinted Double Pane (non toughened)	✓
Tinted Double Pane (toughened glass)	✓
Low-E Double Pane	✗
Gas Filled Double Pane	✗
Triple Pane	✗

MAINTENANCE INSTRUCTIONS

For best cleaning results, do not clean the film for 30 days after installation. Do not use brushes, pure ammonia, industrial strength cleaners, or solutions that contain abrasive materials. Always use a soft clean cloth to wash and dry your windows. Avoid coarse paper towels. A rubber squeegee may also be used.



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Test results are produced from film applied to 3mm clear single glass. Performance data is subject to change without prior notice. Accurate selection of window films requires specialist knowledge, and it is recommended that specifiers contact the company at the specification stage. It is the users' responsibility to ensure the product is suitable for the intended use. The seller shall not be liable for any direct, indirect or consequential loss or damage howsoever arising.