Reflective Silver

TECHNICAL DATA SHEET
Reflective Silver 20 (RS 20)

Product Description

Reflective Silver 20 is a high-performance reflective window film designed to deliver maximum solar control while maintaining visual comfort. The film is coated with a micro-thin, partially transparent metallic layer that provides a mirror-like finish. This reflective surface significantly reduces heat, glare, and UV penetration, while ensuring daytime privacy.

Features & Benefits

- **Superior Heat Rejection**: Reflects a high percentage of solar energy, reducing interior heat gain.
- **Daytime Privacy**: Mirror-like reflective surface restricts visibility from outside during daylight hours.
- **Glare Reduction**: Cuts glare by up to 92%, ensuring improved comfort in residential and commercial spaces.
- **UV Protection**: Blocks more than 99% of harmful ultraviolet rays, protecting interiors and furnishings.
- **Energy Savings**: Reduces load on air-conditioning systems, lowering cooling costs.
- **Durability**: Manufactured with high-quality materials for long-term performance.
- **Warranty**: Backed by **10 years manufacturer's warranty** (when installed as per guidelines).

PRODUCT DETAILS								
REFLECTIVE SILVER 20 (RS 20)	SINGLE PANE CLEAR		SINGLE PANE TINTED		DUAL PANE CLEAR		DUAL PANE TINTED	
	1/4 " CLEAR	RS 20	1/4 " TINTED	RS 20	DUAL 1/4 " CLEAR	RS 20	DUAL 1/4 " TINTED	RS 20
Solar Heat Gain Coefficient	0.82	0.22	0.67	0.25	0.70	0.30	0.55	0.23
Visible light Transmitted	88	17	55	12	79	16	49	10
Visible light Reflected interior	8	59	7	59	15	59	11	59
Visible light Reflected exterior	8	56	6	31	15	55	8	27
U Value	1.03	1.01	1.03	1.02	0.47	0.43	0.47	0.45
UV Blocking	43	>99	NA	>99	NA	>99	NA	>99
Total Solar Energy Rejected	18	78	33	75	30	70	45	77
Glare reduction	NA	81	NA	79	NA	80	NA	80

Applications

- Commercial buildings (offices, malls, hotels, towers)
- Residential villas and apartments
- Skylights, glass facades, curtain walls
- Areas requiring maximum solar control with daytime privacy