

CNCGLASS

CNCGLASS Product Catalog

Super Clear EVA Film & White EVA Interlayer Film

English

EVA interlayer film for architectural laminated glass



Quality control — thickness measurement on EVA film roll



EVAFORCE EXTREME SUPER CLEAR — 0.76×2300×50 m



Export carton packaging — EVA FILM



Plywood export crates — EVA FILM ready to ship

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Specifications Edition

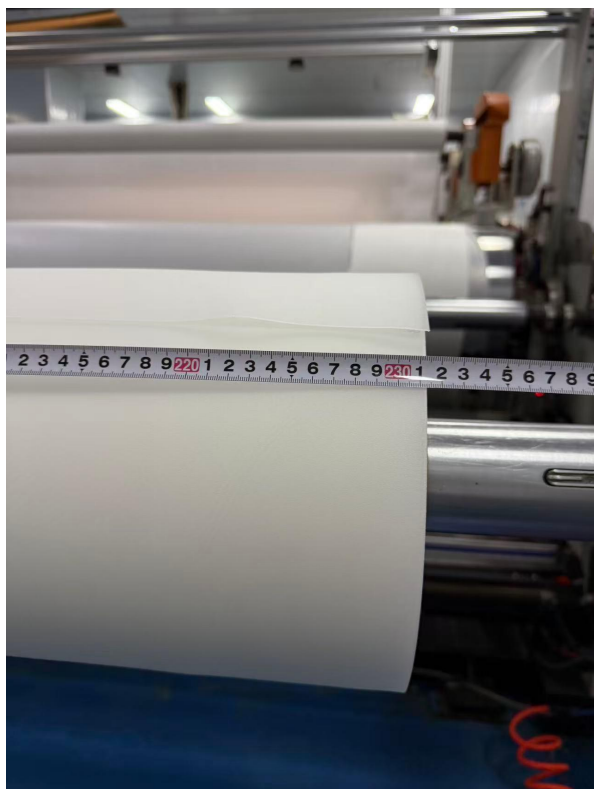
CNCGLASS · Product List / Specifications

EVA interlayer film for architectural laminated glass

Product specifications for Super Clear EVA Film and White EVA Interlayer Film.

Product	Description	Specifications
EVAFORCE SUPER+ SUPER CLEAR EVA FILM	Lowest melt viscosity; Best compatibility with uneven rough surface inserts; Massive lamination / largest sold quantity; Great performance and excellent value; Aim for architectural safety laminated glass; Indoor and outdoor	0.38×2300×100 m/roll
EVAFORCE SUPER+ (same)	Same product — alternate thickness / length	0.76×2300×50 m/roll
Super Milky White OUTDOOR (Super White Opaque OUTDOOR)	High privacy; Strengthened Outdoor Aging Resistance; Purer White; Amazing Visual Effect; Temp 125℃	0.38×2000×50 m/roll
Sandblasting White OUTDOOR (White Translucent OUTDOOR)	Medium privacy; Strengthened Outdoor Aging Resistance; Temp 125℃	0.38×2000×50 m/roll
Black Opaque EVAVISION®BO	High privacy; Temp 115℃	0.38×2000×50 m/roll
Cool Jade White OUTDOOR (Cool Acid White OUTDOOR)	Medium privacy; Exterior and Interior; Amazing Visual Effect; Temp 125℃	0.38×2000×50 m/roll
EVAFORCE EXTREME SUPER CLEAR EVA FILM	Less overflowing during vacuuming heating; Strengthened safety mechanical properties; Recommended for extreme environments, safety tempered glazing or curved glass; Indoor/outdoor; Replacing PVB Film	0.38×2300×100 m/roll
EVAFORCE EXTREME (same)	Same product — alternate thickness / length	0.76×2300×50 m/roll

Product Photos



Width verification — 2300 mm roll



Precision gauge — 0.38 mm film thickness



Finished roll labeling — EVAFORCE EXTREME



Protective wrap packaging before shipment

CNCGLASS · Technical Datasheet — Super Clear EVA Film

Comparison: EVAFORCE® SUPER+ vs EVAFORCE® EXTREME

Tested Item	EVAFORCE® SUPER+	EVAFORCE® EXTREME	Method
Light Transmittance	≥91.0% (390–900nm)	≥91.0% (390–900nm)	CNC LAB DATA
Haze	≤0.25%	≤0.25%	ISO-14782
UV Blocked Rate	100% 280–390nm 4+0.38+4 glass	100% 280–390nm 4+0.38+4 glass	CNC LAB DATA
Density @0.38mm	361 g/sqm	380 g/sqm	CNC LAB DATA
Tensile Strength	17 MPA	21 MPA	CNC LAB DATA
Elongation	≥500%	≥380%	ISO527-3
Adhesion with Glass	191 N/20mm 180° peel, 5mm/s	205 N/20mm 180° peel, 5mm/s	CNC LAB DATA
Adhesion with PET	110 N/20mm 180° peel, 5mm/s	115 N/20mm 180° peel, 5mm/s	CNC LAB DATA
Water Absorption	≤0.1%	≤0.1%	ASTMD570
Hardness (after cross-link)	80.2 Shore A	80.2 Shore A	CNC LAB DATA
Melt Point	62–68°C	72–78°C	CNC LAB DATA
Melt Flow Index	15–20 g/10min	4–7 g/10min	CNC LAB DATA
Cross-linking Rate	≥85% 135°C, 40min	≥85% 135°C, 40min	CNC LAB DATA
High Temperature Test 100°C for 16hrs	No visible changes	No visible changes	EN 14449 / EN ISO12543
High Humidity Test 50°C 100%RH 336hrs	No visible changes	No visible changes	EN ISO12543
Heat-Humidity Resistance 85°C 95%RH 2000hrs	Haze ≤3.0cm from edges; no bubbles / delamination	Haze ≤3.0cm from edges; no bubbles / delamination	CNC LAB DATA
UV Radiation Test UVA340 2000hrs	YI <3; LT decrease <5	YI <3; LT decrease <5	EN ISO12543
Sudden Cold Shock Test	No broken after 65°C 2hrs, then 25°C within 3s	No broken after 65°C 2hrs, then 25°C within 3s	EN 14449 / EN 572
Heat & Cold Shock 50 cycles (–40/80°C)	No Delamination, No Bubbles	No Delamination, No Bubbles	CNC LAB DATA
Pendulum Test Height 1200mm	No breakage / 1(B)1	No breakage / 1(B)1	EN 14449 / EN 12600
Ball Impact Peeling Height 2000mm	No penetration	No penetration	GB-15763.3-2009
Shot-bag Impact	Qualified	Qualified	GB-15763.3-2009
Estimated Life (lab data)	≥15 Years	≥15 Years	CNC LAB DATA

CNCGLASS · Time and Temperature of EVA Interlayers Laminating

Recommended vacuum laminating process parameters (reference).

EVAFORCE® SUPER+ — High Temperature 120–125°C

EVA Film	Glass Thickness	Low Temp	LT Time	High Temp	HT Time	Stop Vacuum
EVAFORCE® SUPER+	3+3 to 5+5 mm	60°C	20 min	120–125°C	45 min	≤40°C
EVAFORCE® SUPER+	6+6 to 8+8 mm	60°C	20 min	120–125°C	50 min	≤40°C
EVAFORCE® SUPER+	9+9 to 11+11 mm	60°C	25 min	120–125°C	60 min	≤40°C

EVAFORCE® EXTREME — High Temperature 130–135°C

EVA Film	Glass Thickness	Low Temp	LT Time	High Temp	HT Time	Stop Vacuum
EVAFORCE® EXTREME	3+3 to 5+5 mm	60°C	20 min	130–135°C	45 min	≤40°C
EVAFORCE® EXTREME	6+6 to 8+8 mm	60°C	20 min	130–135°C	50 min	≤40°C
EVAFORCE® EXTREME	9+9 to 11+11 mm	60°C	25 min	130–135°C	60 min	≤40°C

White EVA Films (Cool Jade / Super Milky / Sandblasting) — HT 115–120°C

EVA Film	Glass Thickness	Low Temp	LT Time	High Temp	HT Time	Stop Vacuum
Cool Jade / Super Milky / Sandblasting White OUTDOOR	3+3 to 5+5 mm	60°C	20 min	115–120°C	45 min	≤40°C
Cool Jade / Super Milky / Sandblasting White OUTDOOR	6+6 to 8+8 mm	60°C	20 min	115–120°C	50 min	≤40°C
Cool Jade / Super Milky / Sandblasting White OUTDOOR	9+9 to 11+11 mm	60°C	25 min	115–120°C	60 min	≤40°C

Notes

- (1) Vacuum (–0.1 MPA) before heating: 5 mins for 1 silicone bed oven, 10 mins for 5 silicone beds oven.
- (2) Special thickness formula: 7mm+3mm = 5mm+5mm.
- (3) Tempered glass: prolong high temperature by 10 mins.
- (4) Extra 0.38 layer: +5 mins HT; extra 0.76 layer: +10 mins HT.

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If you want to order, please simply send us an email.

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