

www.FlexiShieldEU.com | www.FlexiShieldUSA.com | www.FlexiShieldME.com

ARCHITECTURAL SURFACE PROTECTION FILMS

FlexiShield

www.FlexiShield.com

FlexiShield ARF

Architectural Finishes and Furniture
Protection Film

Self-healing | Long-lasting | Clean Adhesive

FlexiShield ARF Architectural Interiors, Finishes, and Furniture protection film is engineered to safeguard valuable surfaces while preserving their beauty. Designed with advanced TPU technology, it offers superior resistance against scratches, stains, UV rays, and everyday wear. The film acts as an invisible barrier, maintaining the original finish of **wood, stone, metal, glass, and other high-gloss surfaces.**

A brand of:



COVERAGE YOU CAN COUNT ON!

ARF



Why apply FlexiShield ARF?



Long-lasting

Scratch-resistant, self-healing top-coat to keep your finishes pristine.



100% TPU PPF

Dense top-coat in glossy or satin finish, safeguarding surfaces from daily wear, stains, and scratches.



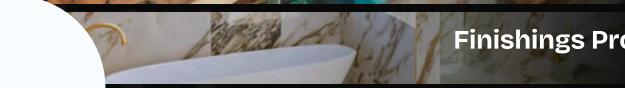
Furniture-safe adhesive

Specially engineered adhesive which removes cleanly and easily from any architectural or furniture surface.

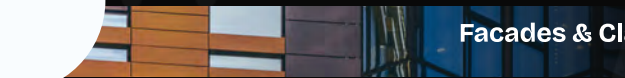
Applications:



Furniture Protection



Finishings Protection



Facades & Claddings



Equipment and Electronic Devices

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ARF SPECIFICATIONS - GLOSSY & MAT

Total Thickness	5.0 mil (128 µ)*	PCE Thickness Gauge
Top Coat	0.5 mil (13 µ)	
Polyurethane Film	4.0 mil (102 µ)*	
Adhesive	0.5 mil (13 µ)	

UV Accelerating Test - 3000 Hours, 105°F - Pass
(Equivalent to 5 years)

	ARF Glossy	ARF MAT	
TPU Haze (Clarity) Δ	1.40 %	N/A	ASTM D1003-1 Original 0.8
Yellowing Δ	<0.90 %	<2.40 %	ASTM D1925-70
Self Healing Δ	Pass	Pass	Lab Testing
Cold Slam - Cracking or Peeling	Pass	Pass	TPJLR.52.055
Elongation (at break MD)	>260 %	>245 %	ASTM 6775-13
Stain Resistance (Unleaded gasoline, Kerosene)	No cosmetic defects	No cosmetic defects	Lab Testing
Surface hardness	6H	2H	ASTM D3363
Chip Resistance Gravelometer	No penetration	No penetration	ASTM D3170
Surface temperature tolerance	-40°C to 130°C	-40°C to 130°C	Note: Hot objects can damage or burn the PPF surface.

	149.0 N/m	14 oz/in	20 minutes at room temperature
Peel Adhesion	160.0 N/m	15 oz/in	24 hours at room temperature
180 Degree Peel	171.0 N/m	16 oz/in	1 week at room temperature
1.0 mil coating	230.0 N/m	21 oz/in	1 week at 160°F/70°C
Paint Surface	255.0 N/m	23 oz/in	1 week at 95°F/ 35°C, 95% RH

* Thickness tolerance: Maximum +/- 8%. Data provided by TPU manufacturer.

US Manufacturing - Since 2003
Designed, developed, produced, and tested under the blazing Arizona sun.



Backed by Reflek's 5-year warranty.

* National Fenestration Rating Council's (NFRC) guidelines and calculated for single pane, nominal 1/8 inch (3mm) clear glass. Dry adhesive available.



ARF