

STB

FlexiShield's Basic Hazard Protection

Because every vehicle deserves protection, FlexiShield has developed its new BHP PPF. Featuring FlexiShield's exceptional top-coat and adhesive, on a more commercial-level TPU base-layer than our STH, WSH, WSHPro, and DPH lines. FlexiShield BHP is our answer to provide excellent protection for all everyday cars, utility vehicles, and commercial fleets.

FlexiShield BHP is an 8.0mil (203μ) thick film which features a dense top-coat for a harder surface, and a better stain and damage resistance. This film can take a beating and still be restored with its built-in thermal self-healing properties.



Engineered for heavy-duty, working vehicles, and commercial fleets.



Built with materials selected for their optimum price-to-performance value.



Flexible and easy to install for an enhanced shop workflow.

BHP SPECIFICATIONS (GLOSSY & SATIN)

Total Thickness	8.0 mil (203 μ)*	PCE Thickness Gauge
Top Coat	0.5 mil (13 μ)	
Polyurethane Film	6.5 mil (165 μ)*	
Adhesive	1.0 mil (25 μ)	

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

TPU Haze (Clarity) Δ	1.60 %	ASTM D1003-1 Original 0.8
Yellowing Δ	< 2.20 %	ASTM D1925-70
Self Healing Δ	Pass	Lab Testing
Cold Slam - Cracking or Peeling	Pass	TPJLR.52.055
Elongation (at break MD)	>340 %	ASTM 6775-13
Stain Resistance (Unleaded gasoline, Kerosene)	No cosmetic defects	Lab Testing
20° Gloss (stainless steel surface)	>94 GU	Gloss Meter 20°
Chip Resistance Gravelometer	No damage on paint	ASTM D3170

	449.0 N/m	41 oz/in	20 minutes at room temperature
Peel Adhesion	481.0 N/m	44 oz/in	24 hours at room temperature
180 Degree Peel	514.0 N/m	47 oz/in	1 week at room temperature
1.0 mil coating	689.0 N/m	63 oz/in	1 week at 160°F/70°C
Paint Surface	765.0 N/m	70 oz/in	1 week at 95°F/ 35°C, 95% RH

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



8.0mil (203μ) TPU Glossy/Satin
Imported Base TPU
8-year warranty

