

**PRODUCT DESCRIPTION - DATA SHEET**

AFFIX™ PP-1550 is an uncoated high performance aliphatic thermoplastic polyurethane (TPU) film designed for a variety of paint, metal and surface protections. These applications include automotive OEM and aftermarket. AFFIX™ PP-1550 films are ideal for protection with excellent UV resistance, superior durability, stain resistance, and consistent optical clarity with a high gloss finish.



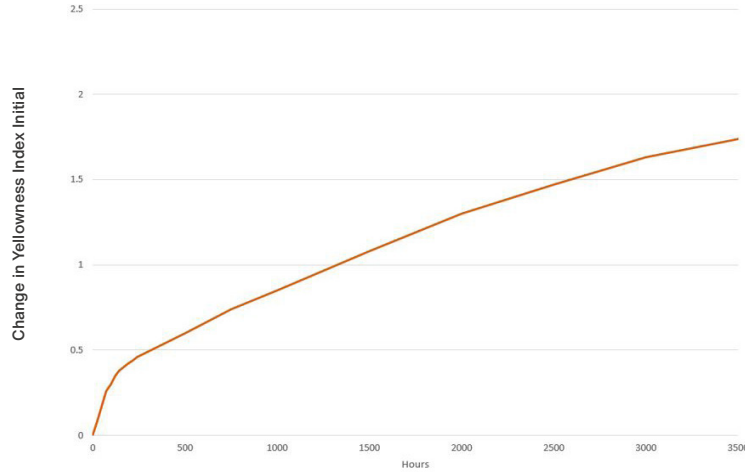
**Key Benefits:**

- Maintain surface appearance with UV and stain resistance (non-yellowing)
- Longevity from high durable, self-healing, scratch and chip resistance
- Superior appearance with paint like gloss finish
- Operational efficiency during coating process from superior film gauge and gel control
- Customized to end application with variety of width and gauge options
- Local manufacturing capabilities for reduced lead times

Property / Capability	Test Method	Typical Value
Gauge Ranges	N/A	5.0 - 12.0 mil (125 - 300 micron)
Width Ranges	N/A	49" - 56" (1254 mm - 1425 mm) 60" - 62" (1524 mm - 1575 mm) 70" - 74" (1778 mm - 1880 mm)
Roll Length	N/A	Up to 22" (559mm) outside diameter*
Resin Hardness	ASTM D-2240	Shore 85 - 90 A
Resin Ultimate Tensile	ASTM D-412	9000 psi (62 MPa)
Resin Ultimate Elongation	ASTM D-412	410%z
Gloss at 60 degrees	ASTM D523	90
Light Transmission	ASTM D1003	93%
Haze	ASTM D1003	2%
Accelerated Aging QUVA (340nm)	-	< 2.0 delta YI up to 2500 hours

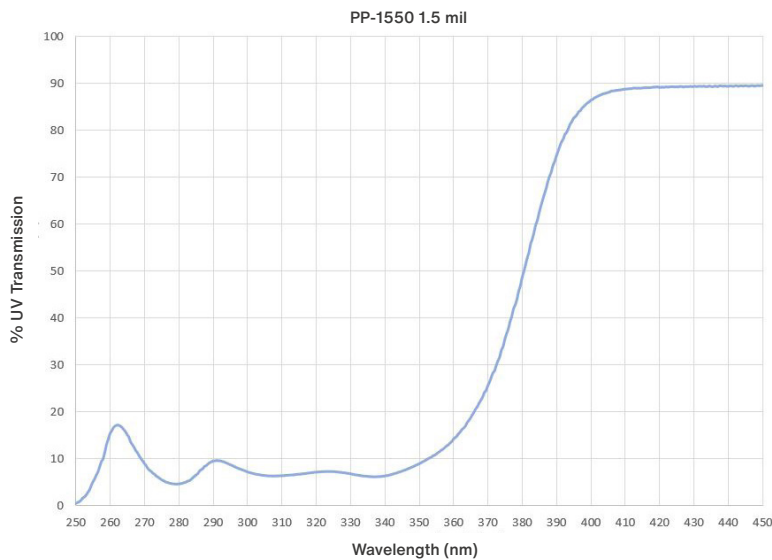
\*Depends on film gauge, packaging requirements, and plant location

### Accelerated Aging



QUV using 340 bulb, 8 hours 70°C, 4 hours 50°C condensation

### UV Transmission Curve



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