

General Description and Use		
AFFIX™ Number	<b>PP 1650-50DV</b>	
Typical application	Outdoor, exposed applications requiring UV resistance	
Polymer	Polycaprolactone-based, aliphatic polyurethane (TPU)	
Extrusion method	Flat-die extrusion	
Gauge	5 - 12 mils (125 - 300 microns)	
Width	Up to 62 inches (1.6 meters)	
Length	Up to 1000 non-spliced yards (914.4 meters)	
Key attributes	<ul style="list-style-type: none"> <li>■ Smooth, matte or gloss surfaces</li> <li>■ Combines soft and hard polycaprolactones</li> <li>■ UV resistant</li> <li>■ No additives or processing aids</li> </ul>	
Physical Properties	Test Method	Value
Base Layer		
Hardness	ASTM D-2240	Shore 93A
Tensile strength	ASTM D-412	5000 psi 34.47 MPa
Elongation @ break		550%
UV resistance (yellowing)	ASTM D-4329 cycle B <sup>1</sup>	Change in Yellowness Index (ΔYi) <1.5 at 2000 hrs
Surface Layer		
Hardness	ASTM D-2240	Shore 60D
Tensile strength	ASTM D-412	7000 psi 48.26 MPa
Elongation @ break		450%
UV resistance (yellowing)	ASTM D-4329 cycle B <sup>1</sup>	Change in Yellowness Index (ΔYi) <1.5 at 2000 hrs

<sup>1</sup> QUV using UVA 340 bulb, 8 hours 70°C, 4 hours 50°C condensation.

**CONTACT US:**

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