

# Typical Properties of V0517

Polymer	Polyurethane		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D3574	4 – 7 pcf	64 – 112 kg/m <sup>3</sup>
IFD 25%	ASTM D3574	12 -22 lbs	53 – 98 N
CFD 25%	ASTM D3574	.30 psi	2.06 kPa
Compression Set 50%	ASTM D1056	3% Max	3% Max
Compression Set 50%	ASTM D3574	15% Max	15% Max
Tensile Strength	ASTM D3574	20 psi	138 kPa
Elongation	ASTM D3574	320%	320%
Tear Strength	ASTM D624	3.5 lb./in	.61 kN/m
Resilience	ASTM D2632	1%	1%
Service Temperature	-40 to 250 F		

## Product Availability

- Standard 60 inch (1.52 meter) wide rolls with capabilities to produce in various widths.
- Available in 50 feet (15.24 meters)' and 100 feet (30.48 meters) lengths, skived to custom thicknesses.
- Available with adhesives, laminated fabrics , films, custom coatings or composites.
- Various color options available with the ability to custom color match using our fully reacted colorants.
- Other additives, such as anti-microbial and flame retardants, are available depending on sales opportunities and volume.

## Characteristics

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|---|---|
| <ul style="list-style-type: none"> <li>• Impact Resistant</li> <li>• Breathable</li> <li>• Low Compression Set</li> <li>• High Stretch</li> </ul> | <ul style="list-style-type: none"> <li>• Dimensionally Stable</li> <li>• Low Resiliency</li> <li>• Exceptional Compression Fatigue</li> </ul> |
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