

| General Description and Use | | |
|-----------------------------|---|---|
| Argotec SKU Number | 46510 CLEAR | |
| Typical application | Premium performance graphic film overlaminates facestock | |
| Polymer | Polycaprolactone-based aliphatic polyurethane (TPU) | |
| Extrusion method | Flat die | |
| Gauge | 1.0 - 4.0 mils | |
| Width | Up to 62 inches | |
| Length | Up to 1000 non-spliced yards | |
| Key attributes | <ul style="list-style-type: none"> ■ Class A gloss finish ■ Highly conformable ■ Excellent abrasion resistance ■ Excellent low-temperature flexibility & cold-crack resistance ■ UV resistant (5 year outdoor durability) ■ No additives – consistent, excellent adhesive compatibility/anchorage ■ Halogen free | |
| Physical Properties | Test Method | Typical Value |
| Taber abrasion | ASTM D-1044 ¹ | <3.5 grams |
| Tensile strength | ASTM D-412 | 7,000 psi 48.26 MPa |
| Elongation at break | | 450% |
| UV resistance (yellowing) | ASTM D-4329 cycle B ² | Change in Yellowness Index (ΔYi) <1.5 at 2000 hrs |
| Gloss, 60° | OTM 3-309 | >80 |
| Haze | ASTM D-1003 | <1% |
| Surface Tension | ASTM D-2578 | >35 dyne/cm |

¹ C-17 Wheel, 1000 gram weight.

² QUV using UVA 340 bulb, 8 hours 70°C, 4 hours 50°C condensation.

Note: Suitable for backside paper, poly coated paper, or matte textured film release liner to prevent roll form blocking.

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TECHNICAL DATA