

General Description and Use

| Argotec SKU Number | 46510 | |
|---------------------|---|-------------------------|
| Typical application | Premium performance graphic film overlaminate facestock | |
| Polymer | Thermoplastic polyurethane, aliphatic polycaprolactone | |
| Extrusion method | Flat die, cast on 2-mil PET carrier | |
| Gauge | 1.0 mil (25 microns) | |
| Width | Up to 62 inches (1.57 meters) | |
| Length | Up to 1000 non-spliced yards (914.4 meters) | |
| 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 (3-5 year outdoor durability) ■ No additives – consistent, excellent adhesive compatibility/anchorage ■ Halogen free | |
| Typical Properties | Test Method | Value |
| Taber abrasion | ASTM D-D-1044 ¹ | <3.5 grams |
| Tensile strength | ASTM D-412 | 7,000 psi 48.26 MPa |
| Elongation at break | | 450% |
| UV resistance | A10 ² | No change at 3000 hours |
| 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 bulb, 4 hours 50°C UV exposure, 4 hours 60°C condensation.

Note: Suitable for paper or matte textured film release liner to prevent blocking.

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