

Argotec™ Graphic Film 46510 White

General Description

- **Typical application:** Premium performance printable facestock
- **Polymer:** Polycaprolactone-based aliphatic polyurethane (TPU)
- **Key attribute:** 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 & printability¹, Halogen free

Typical Property	Typical Method	Value
Gauge		>2.0 mil
Width		Up to 62" (1.57 m)
Length		Up to 1000 non-spliced yards
Taber abrasion	ASTM D-1044 ²	<3.5 grams
Tensile strength @ 100%	ASTM D-412	7000 psi (48.26 MPa)
Elongation at break		450%
UV resistance (yellowing)	ASTM D-4329 cycle B ³	Change in Yellowness Index (ΔY_i) < 1.5 at 2000 hrs
Gloss, 60°	OTM 3-309	>80
Surface Tension	ASTM D-2578	>35 dyne/cm

¹ Print compatibility: UV Screen, Solvent Screen, Digital Eco-Solvent, Digital Solvent, UV ink jet and Latex ink jet. It is recommended that specific ink systems be thoroughly tested for printability prior to use/scale-up. See page 2 of this sheet for available Argotec digital printing profiles.

² C-17 Wheel, 1000 gram weight.

³ 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 blocking.