

# Argotec™ Graphic Film 46510 Clear

## General Description

**Typical application:** Premium performance graphic film overlamine facestock

**Polymer:** Polycaprolactone-based aliphatic polyurethane (TPU)

**Key attributes:** 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

Typical Property	Typical Method	Value
Gauge		1.0 - 4.0 mils
Width		Up to 62" (1.57 m)
Length		Up to 1000 non-spliced yards
Taber abrasion	ASTM D-1044 <sup>1</sup>	<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 <sup>2</sup>	Change in Yellowness Index ( $\Delta Y_i$ ) < 1.5 at 2000 hrs
Gloss, 60°	OTM 3-309	>80
Haze	ASTM D-1003	<1%
Surface Tension	ASTM D-2578	>35 dyne/cm

<sup>1</sup> C-17 Wheel, 1000 gram weight.

<sup>2</sup> 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.