

# Argotec™ Graphic Film 46422

## General Description

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

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

**Key attribute:** Matte finish, Highly conformable, Excellent abrasion resistance, Excellent low-temperature flexibility & cold-crack resistance, UV resistant (5 year outdoor durability), Consistent, excellent adhesive compatibility/anchorage, Halogen free

Property	Method	Typical Value
Gauge	N/A	1.0 - 4.0 mils
Width	N/A	Up to 62" (1.57 m)
Roll Length	N/A	Up to 1000 non-spliced yards
Taber abrasion	ASTM D-1044	<3.5 grams
Tensile strength @ 100%	ASTM D-412	6000 psi (48.26 MPa)
Elongation at break	ASTM D-412	350%
UV resistance (yellowing)	ASTM D-4329 cycle B <sup>1</sup>	Change in Yellowness Index ( $\Delta Y_i$ ) < 1.5 at 2000 hrs
Gloss, 60°	OTM 3-309	24%
Resin Hardness	ASTM D-2240	Shore 60D
Haze	ASTM D-1003	45%

<sup>1</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.