

Argotec™ Graphic Film 46510R

General Description

- **Typical application:** Premium performance graphic film overlamine 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, Halogen free

Typical Property	Typical Method	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 ¹	<3.5 grams
Tensile strength @ 100%	ASTM D-412	7000 psi (48.26 MPa)
Elongation at break	ASTM D-412	450%
UV resistance (yellowing)	ASTM D-4329 cycle B ²	Change in Yellowness Index (ΔY_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

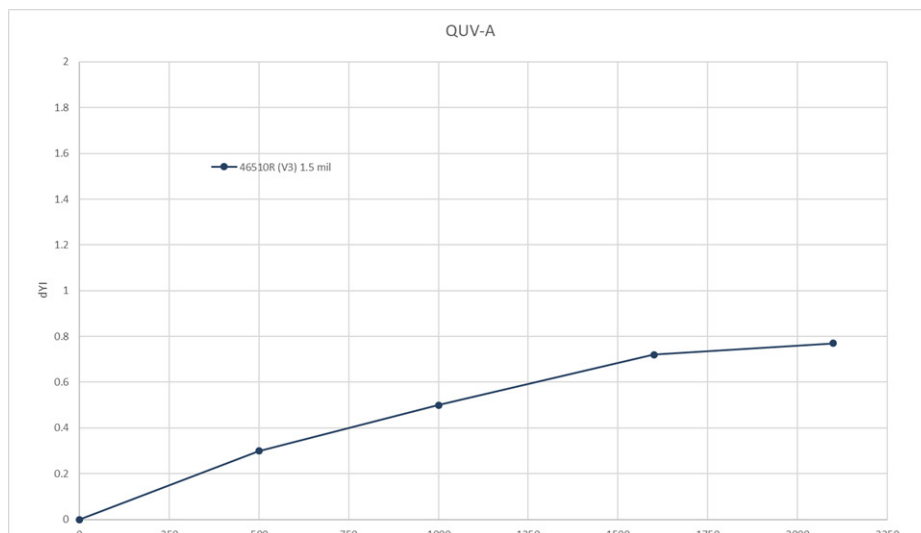
¹ C-17 Wheel, 1000 gram weight.

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 blocking.

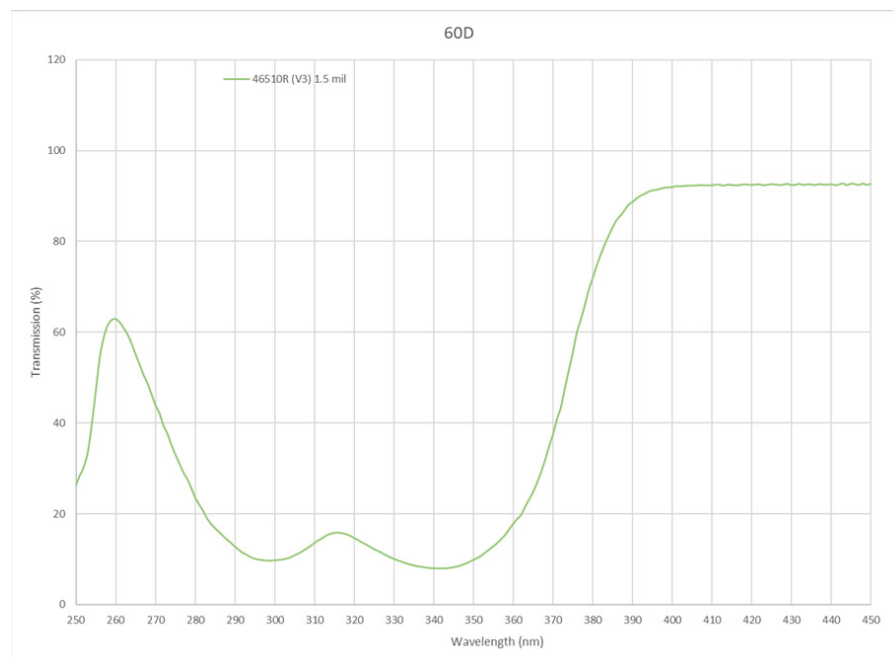
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Accelerated Aging:



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

UV Transmission Curve:



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