

Argotec™ 49410

General Description

Argotec is the world leader in extrusion of TPU films. Argotec™ 49410 is an uncoated high performance aliphatic Thermoplastic Polyurethane (TPU) film designed for a variety of paint, metal, and surface protections. These applications include automotive OEM and aftermarket. Argotec 49410 films are ideal for protection with excellent UV resistance, superior durability, stain resistance, and consistent optical clarity with a high gloss finish.



Key Benefits:

- Maintain surface appearance with UV & stain resistance (non-yellowing)
- Longevity from highly durable, self-healing, scratch & chip resistance
- Superior appearance with paint like gloss finish
- Operational efficiency during coating process from superior film gauge & gel control
- Customized to end application with a variety of width & gauge options
- Local manufacturing capabilities for just in time delivery

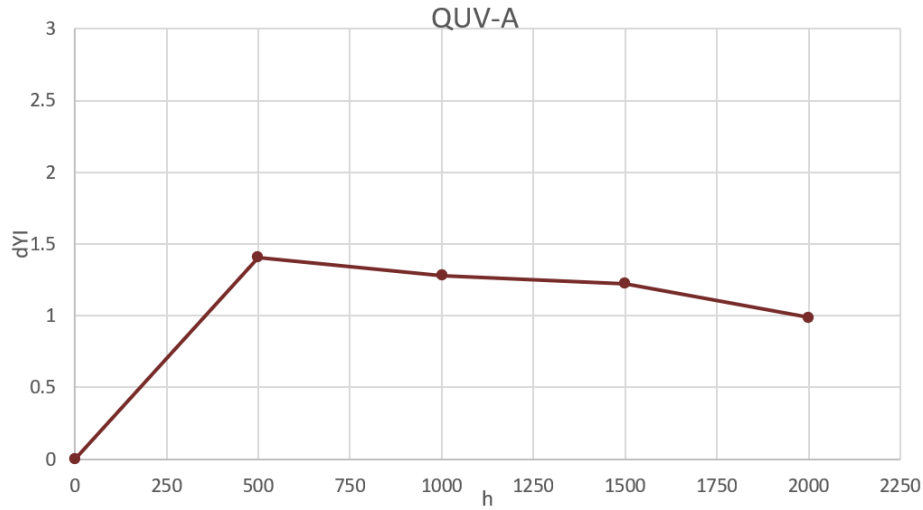
Typical Properties:

Property / Capability	Test Method	Typical Value
Gauge Ranges	N/A	5.0 - 12.0 mil (125 - 300 micron)
Width Ranges	N/A	49" - 51" (1245 mm - 1295 mm) 56" - 62" (1422 mm - 1575 mm) 70" - 74" (1778 mm - 1880 mm)
Roll Length	N/A	Up to 22" (559 mm) outside diameter*
Resin Hardness	ASTM D-2240	Shore 87A
Resin Ultimate Tensile	ASTM D-412	7250 psi (50 MPa)
Resin Ultimate Elongation	ASTM D-412	500%
Gloss at 60 degrees	ASTM D523	90
Light Transmission	ASTM D1003	94%
Haze	ASTM D1003	1%

*Depends on film gauge, packaging requirements, and plant location
This product is under customer trials, and has not been officially launched in the market.

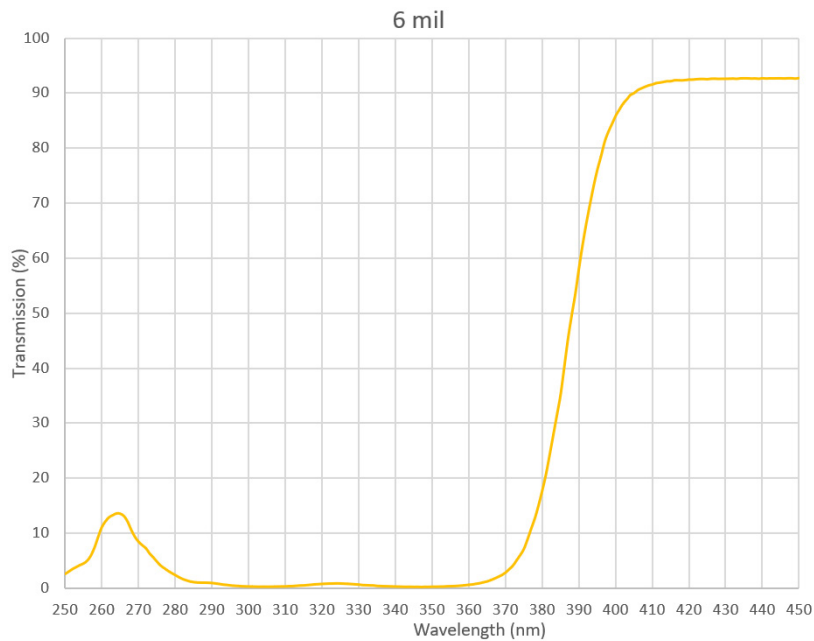
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Accelerated Aging:



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

UV Transmission Curve:



info@argotec.com
argotec.com

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