

# Argotec™ 49610

## General Description

Argotec is the world leader in extrusion of TPU films. Argotec™ 49610 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 49610 films are ideal for protection with excellent UV resistance, superior durability, and consistent optical clarity with a high gloss finish.



### Key Benefits:

- Maintain surface appearance with UV 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

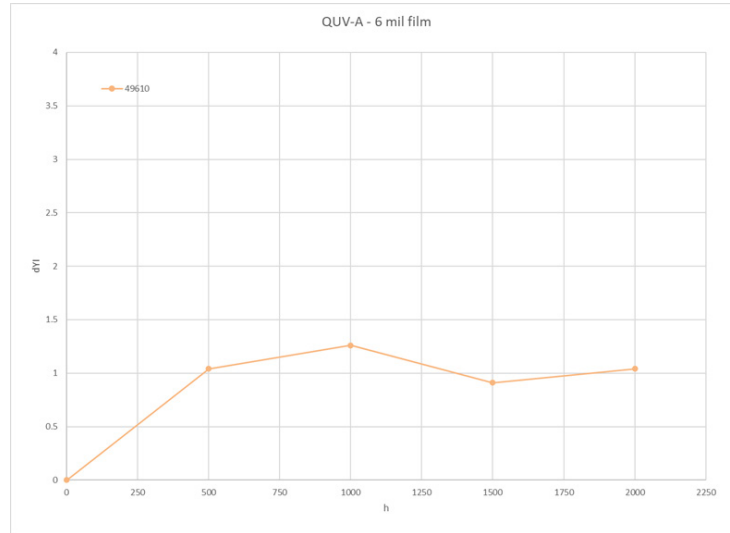
### Typical Properties:

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 85A
Resin Ultimate Tensile	ASTM D-412	8000 psi (55 MPa)
Resin Ultimate Elongation	ASTM D-412	500%
Gloss at 60 degrees	ASTM D523	90
Light Transmission	ASTM D1003	93%
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.

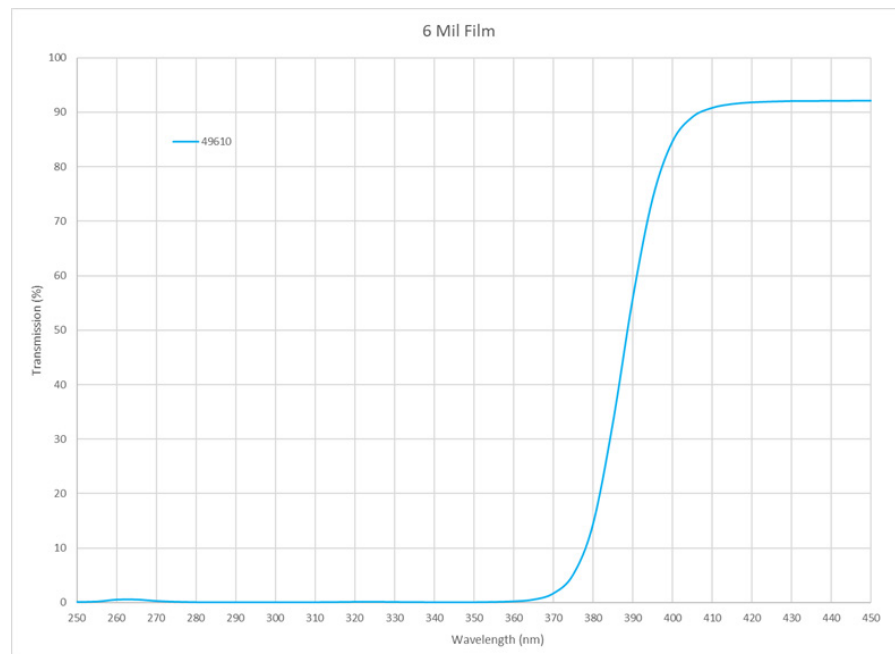
## Argotec™ 49610

### Accelerated Aging:



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

### UV Transmission Curve:



[info@argotec.com](mailto:info@argotec.com)  
[argotec.com](http://argotec.com)

ARG\_TDS\_V01\_20240214

Copyright ©Mativ Holdings, Inc. (2024). All Rights Reserved. ARGOTEC™ is trademarks of Mativ Holdings, Inc. ("Mativ") or an affiliated company of Mativ.

All statements, product characteristics, and performance data contained herein are believed to be reliable based on observation and testing, but no representations, guarantees, or warranties of any kind are made as to accuracy, suitability for particular applications, or the results to be obtained. Nothing contained herein is to be considered to be permission or a recommendation to use any proprietary process or technology without permission of the owner. No warranty of any kind, expressed or implied, is made or intended.