

Argotec™ 49320-60D

General Description

SWM is the world leader in extrusion of TPU films. Argotec™ 49320-60D is an uncoated high performance aliphatic thermoplastic polyurethane (TPU) film with a TPU hard coat top layer designed to protect a variety of paint, metal and surface protections without needing a stain resistance top coating applied. These applications include automotive OEM and aftermarket. Argotec 49320-60D film is ideal for protection with excellent UV resistance, superior durability, stain resistance, and consistent optical clarity with a high gloss finish.



Key Benefits:

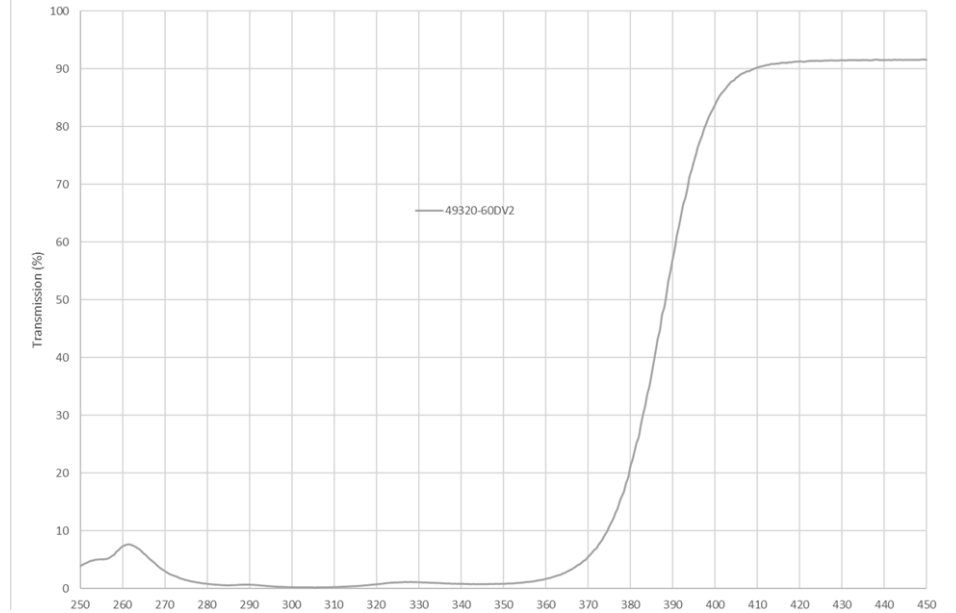
- Maintain surface appearance with UV and increased stain resistance (non-yellowing)
- Longevity from highly durable, self-healing, scratch and chip resistance
- Superior appearance with consistent optical clarity and gloss
- Operational efficiency during coating process from superior film gauge and gel control
- Customized to end application with variety of width and gauge options

Property / Capability	Test Method	Typical Value
Gauge Ranges	N/A	5.0 - 8.0 mil (125 - 200 micron)
Width Ranges	N/A	49" - 51" (1245 mm - 1295 mm) 56" - 62" (1422 mm - 1575 mm)
Roll Length	N/A	Up to 22" (559 mm) outside diameter*
Resin Hardness	ASTM D-2240	Shore 90A with 60D top layer
Resin Ultimate Tensile	ASTM D-412	8005 psi (55 MPa)
Resin Ultimate Elongation	ASTM D-412	422%
Gloss at 60 degrees	ASTM D523	90
Light Transmission	ASTM D1003	93%
Haze	ASTM D1003	2%
Accelerated Aging QUVA (340nm)	N/A	< 2.0 delta YI up to 2500 hours

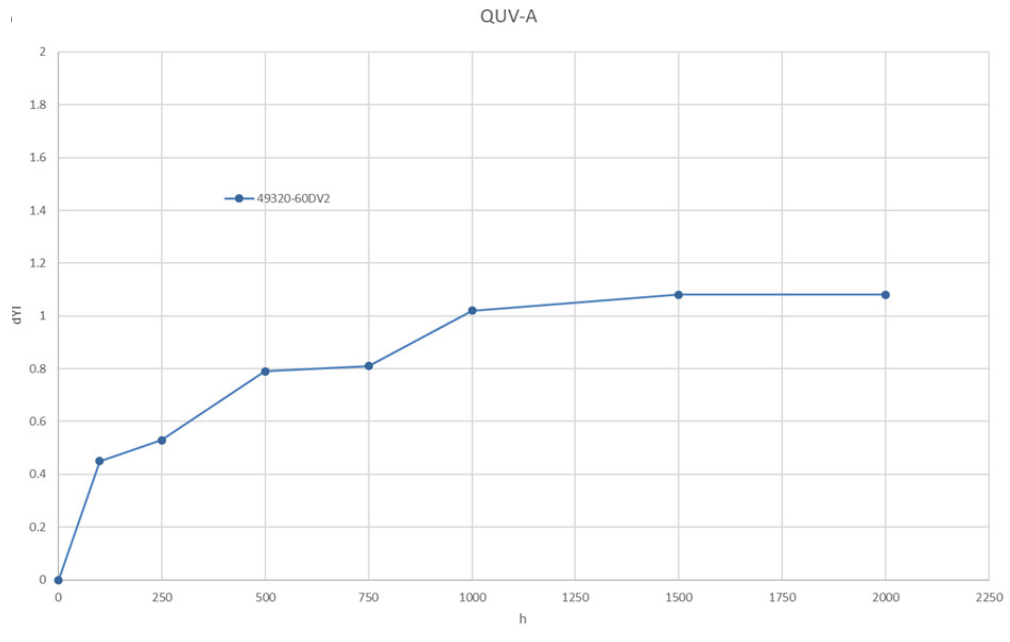
*Depends on film gauge, packaging requirements, and plant location

Argotec 49320-60D

Accelerated Aging:



UV Transmission Curve:



10.2022

Copyright © Schweitzer-Mauduit International, Inc. now part of Mativ (2022). All Rights Reserved. Mativ™, SWM™ and ARGOTEC™ are trademarks of Schweitzer-Mauduit International, Inc. ("SWM") or an affiliated company of SWM.

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.