

Argotec
Protective Film



Argotec™ Film for Paint Protection

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

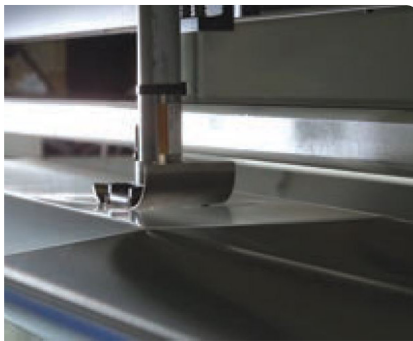
World Class Manufacturing:

- Security of supply with manufacturing capacity in North America, Europe, and Asia
- PPF Industry leader in high quality TPU films
- Digital in-line gauge control and photographic inspection systems to ensure the best quality film
- Hard wall clean rooms in all locations
- Customizable products to meet a variety of application needs

Learn more at www.swmintl.com or contact us at ams@swmintl.com today to learn how you can partner with SWM to start innovating **essential** solutions for your applications.



Optically clear aliphatic TPU film is produced in a soft room inside an 8,000 sf hard-walled white room



Online gauge inspection allows for real-time adjustments



In-line visual camera inspection ensures consistent quality

Key Features & Benefits

Features:

- UV & stain resistance
- Multiple options in product portfolio
- Self-healing & scratch resistance
- High gloss & light transmission
- Superior film gauge & gel control
- Local manufacturing capabilities

Benefits:

- Maintain surface appearance and clarity through different environments and aging
- Customize to end application with variety of hardness, width, and gauge options
- Long lasting and highly durable to maintain original appearance
- Superior appearance with paint like gloss finish
- Operational efficiency during coating process
- Just in time delivery and easy inventory management





Typical Properties & Capabilities

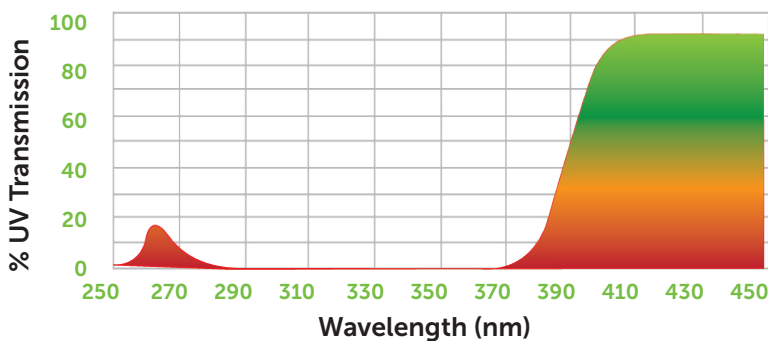
Product(s)	Resin Hardness	Gauge Range mil (micron)	Width Ranges* inches (mm)	OD Length Ranges* inches (mm)	Ideal Applications
49510 49320	90A	5.0 - 7.0 (125 - 175)	49-51" (1245-1295) 56-62" (1422-1575) 70-74" (1778-1880)	14-22" (357 - 559)	Aftermarket paint protection
49510 49320	90A	8.0 - 12.0 (200 - 300)	49-51" (1245-1295) 56-62" (1422-1575) 70-74" (1778-1880)	14-22" (357 - 559)	OEM paint protection
49510-60DV	90A with a 60D top layer	5.5 - 8.0 (138 - 200)	49-51" (1245-1295) 56-62" (1422-1575)	14-22" (357 - 559)	Paint protection with no top coating and improved stain resistance
46510	60D	8.0 - 10.0 (200 - 250)	49-51" (1245-1295) 56-62" (1422-1575)	14-22" (357 - 559)	OEM paint protection with improved stain resistance

* Dependent on film gauge, packaging and plant location

Product	Gloss	Light Transmission	Haze	Tensile/Elongation	Gel Quality	Stain Resistance
49510	+++	+++	+++	+++	++	+
49320	+++	+++	+++	+++	+++	+
49510-60DV	+++	+++	+++	++	+	++
46510	+++	+++	+++	++	++	++

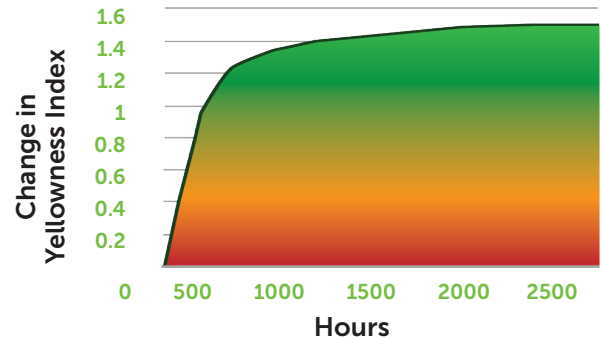
Optical Properties

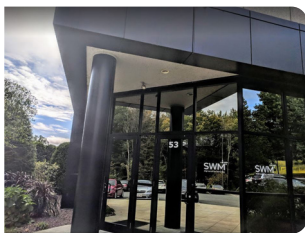
6 mil films



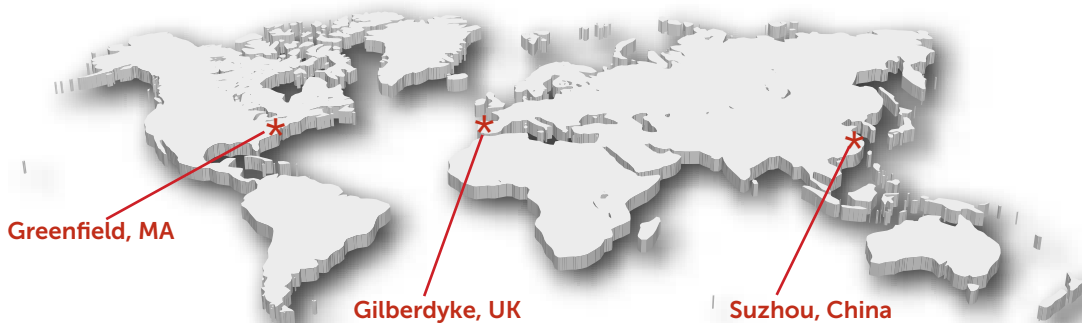
Accelerated Aging on 49510

QUV-A (340nm) QUV using UVA 340 bulb, 8 hours 70°C, 4 hours 50°C condensation





The SWM global infrastructure spans four continents and provides strategically placed experts and facilities to respond quickly and efficiently to rapidly evolving market needs. Argotec is manufactured in Greenfield, MA, Gilberdyke, UK and Suzhou, China. SWM is focused on advancing the products for interlayer, optical and surface protection films, advanced materials and technologies in our ISO 9001, ISO 14001, ISO 50001 and OHSAS 18001 certified facilities. Our diverse product lines are recognized worldwide for their superior performance in a variety of applications.



SWM locations shown (from top to bottom) Greenfield, MA, USA; and Gilberdyke, UK and Suzhou, China

About SWM

SWM is a leading global performance materials company. We use natural fibers, resins, and polymers to provide essential solutions that enhance product performance and help our customers win in a variety of industries and applications. For further information, please visit our web site at www.swmintl.com.

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