



Automotive

Taconic's PTFE Coated Fiberglass Tapes, Fabrics and Belts are high performance materials that provide technical and cost-effective benefits in a variety of automotive manufacturing processes such as:

- Lamination
- Thermoforming
- Injection Molding
- Vacuum Forming
- Resin Transfer Molding
- Vulcanization - Extrusion
- Non-woven Textiles
- Anti-squeak/rattle

Our highly engineered materials are used to manufacture the following range of components:

- Door Panels
- Roof Lining
- Decorative Luggage Compartment Parts
- Trunk Covers
- Acoustic Panels
- Flooring/Carpets
- Hood Absorbers
- Encapsulation Insulating Mats
- Rubber Gasket Profiles
- Anti-rattle, Anti-squeak
- Open and Closed Cell Foams
- Windows Frames
- Non-woven Products
- Electric Motors/Batteries
- Brake Pads



Taconic provides a wide range of PTFE coated fiberglass, open mesh or closed weave, to cover your applications needs.

Features:

- High temperature range: -100 °F- 500 °F (-73 °C - +260 °C)
- Outstanding non-stick surface/low coefficient of friction
- Superior release
- High abrasion resistance
- Chemical resistance
- Dimensional stability
- High dielectric strength
- Low electrical losses
- Flexible/conformable

In combination with Taconic's tape range:

- Strong adhesion at high temperature
- Removable
- Low tack
- Easy surface cleaning when removed



Automotive Product Data

Description	Product Number	Overall Thickness (inch)	Coated Weight (lbs./sq. yd.)	Tensile Strength Warp/Fill (lbs./in.) (Typical)	Tear Strength Warp/Fill (lbs.) (Typical)	Operating Temp. Min./Max. (° F)	Application	
Belting								
Heavy Weight Belting/ Premium Smooth	8109	0.01	1.00	300/175	10.0/8.0	-100/500	Rubber Extrusion Headliner/Trunk liner, Door Panel Lamination	
	A1108	0.0110	1.15	400/285	14.0/11.0	-100/500		
	A1048	0.0245	2.16	565/545	18.0/17.0	-100/500		
	7359	0.035	2.300	850 (warp)	25 (warp)	-100/500		
Heavy Weight Belting/ Standard Smooth	8148	0.0135	1.35	400/300	15.0/15.0	-100/500		
Heavy Weight Belting/ Standard Textured	8208	0.02	1.52	375/355	17.0/15.0	-100/500		
	8278	0.0255	1.83	400/500	25.0/20.0	-100/500		
Tac-Black™ Anti-Static	8143AS	0.014	1.36	400/335	11.5/7.5	-100/500		
Open Mesh - Glass Brown	8308	0.035	0.9	225/175	N/A	-100/500		Headliner Lamination
Open Mesh - Kevlar® Gold	8305K	0.035	0.62	450/350	N/A	-100/500		
Open Mesh - Kevlar® Glass Gold	8305KG	0.035	1.25	450/600	N/A	-100/500		
Porous PTFE Coated Fabric/Belts	7255/8255	0.029	0.82	165/185	N/A	-100/500	Rubber Extrusion	
Tapes (Anti-squeak/rattle)								
Description	Product Number	Overall Thickness (inch)	Adhesive Thickness (inch)	Adhesive Type	Adhesive Strength (oz./inch) (typical)	Operating Temp. Min./Max. (° F)		
Skived PTFE Film Tape	6113-03	0.005	0.002	Acrylic	45	-40 / 350		
Skived PTFE Film Tape	6113-05	0.007	0.002	Acrylic	70	-40 / 350		
UHMW Film Tape	6311-05	0.007	0.002	Acrylic	50	-40 / 150		
UHMW Film Tape	6311-10	0.012	0.002	Acrylic	70	-40 / 150		

Kevlar® is a registered trademark of E.I. du Pont de Nemours and Company.

The data herein are averages based on the authoritative testing of several lot numbers. This information is intended for comparison purposes only.

Through innovative company initiatives, we're helping our customers 'Find a Better Way...' including applying our pre-existing coating expertise, and manufacturing infrastructure, to your specific woven substrate needs. We can design and coat your bespoke solutions up to 4000mm wide.



Our North American Sales Team is ready to serve your needs. Please visit our website www.4taconic.com for more information.

**OVER 60
YEARS of
innovation**

Lester T. Russell, the acknowledged inventor of the process for applying PTFE to fiberglass fabric, founded Taconic in 1961.

The company produces advanced engineered composite materials for use in diverse markets. Taconic is dedicated to quality, innovation and environmental safety.

Our talented R & D, engineering and multi-lingual sales support network assures success in solving our customers' application challenges around the globe.

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www.4taconic.com

TACONIC
Finding a better way.