



Thermoformable Materials

Quality and consistent performance ...order after order

In addition to offering products that respond perfectly to your demands, Texel stands out with its **high volume production capacity**, set in a structure of rigorous quality control processes.

Texel guarantees uniform quality and proven performance consistency for every square meter of its products.

At every level of our business relationship, you will enjoy:

- fast technical assistance
- optimal products
- large inventory, to respond quickly to your requests
- adequate packaging
- timely delivery

Pressure forming technology

When you pressure form ThermoFit™ between male and female mold, you'll get ideal wall thickness distribution in the cross direction, since it's not absolutely necessary to stretch the material during such an operation. The material you wish to form should be between 360°F and 420°F (182°C to 215°C), depending on its density and thickness.

About Texel

An ADS division, Texel is one of North America's leading manufacturers of needlepunched non-woven fabrics for technical use. Our specialized products have been employed by American and European markets since 1967.

Texel offers the unique product or solution you need to be more competitive so you can truly stand out in your market. Creating your competitive edge is our constant goal. Every day, we explore the full potential of non-woven materials with this goal in mind. Every day, we research ways to help you attain your business objectives by providing you with the competitive edge you need for rapid market penetration.

Your product development partner

Through our The Edge Program, we can support your product development process. Contact our platform manager to learn more about ThermoFit™ technology and see how it can help you differentiate yourself.



485, rue des Érables
Saint-Elzéar de Beauce, Quebec
CANADA G0S 2J0

Telephone: 418-387-5910
Toll free: 1-800-463-8929 (North America)
Fax: 418-387-4326
Email: automotive@texel.ca

www.texel.ca/industrial

Maximum performance
Unparalleled experience



Thermoformable Materials



Customers are beginning to make greater demands for quieter automobiles, and because of this, automakers have begun to attack sound inside the passenger compartment with greater ferocity. Thanks to the advanced engineering capabilities of Texel with the ThermoFit™ technology, what used to be thought of as an uncontrollable source of unwanted sound is now fair game in the quest to reduce interior noise. With ThermoFit™, nothing has been left unexplored when it comes to finding new ways to ensure a quieter driving experience.





Thermoformable Materials

Moldable nonwoven

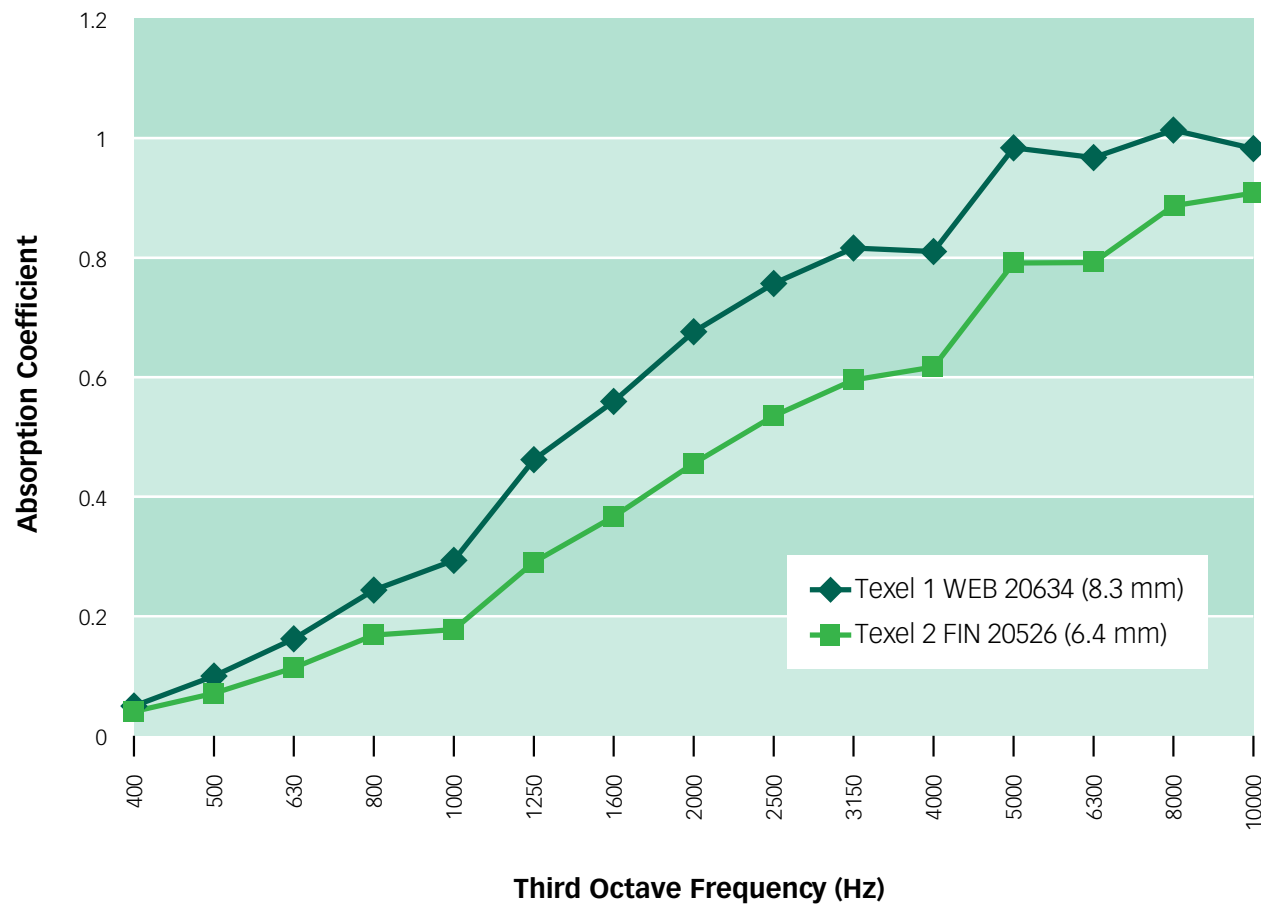
ThermoFit™ offers you an unprecedented variety of ways to innovate and deliver greater value. You can explore new ways to reduce interior noise, thanks to the inherent characteristics of ThermoFit™:

- good mechanical properties even at low densities
- permeability
- good acoustical properties
- permanent shape retention
- lighter weight

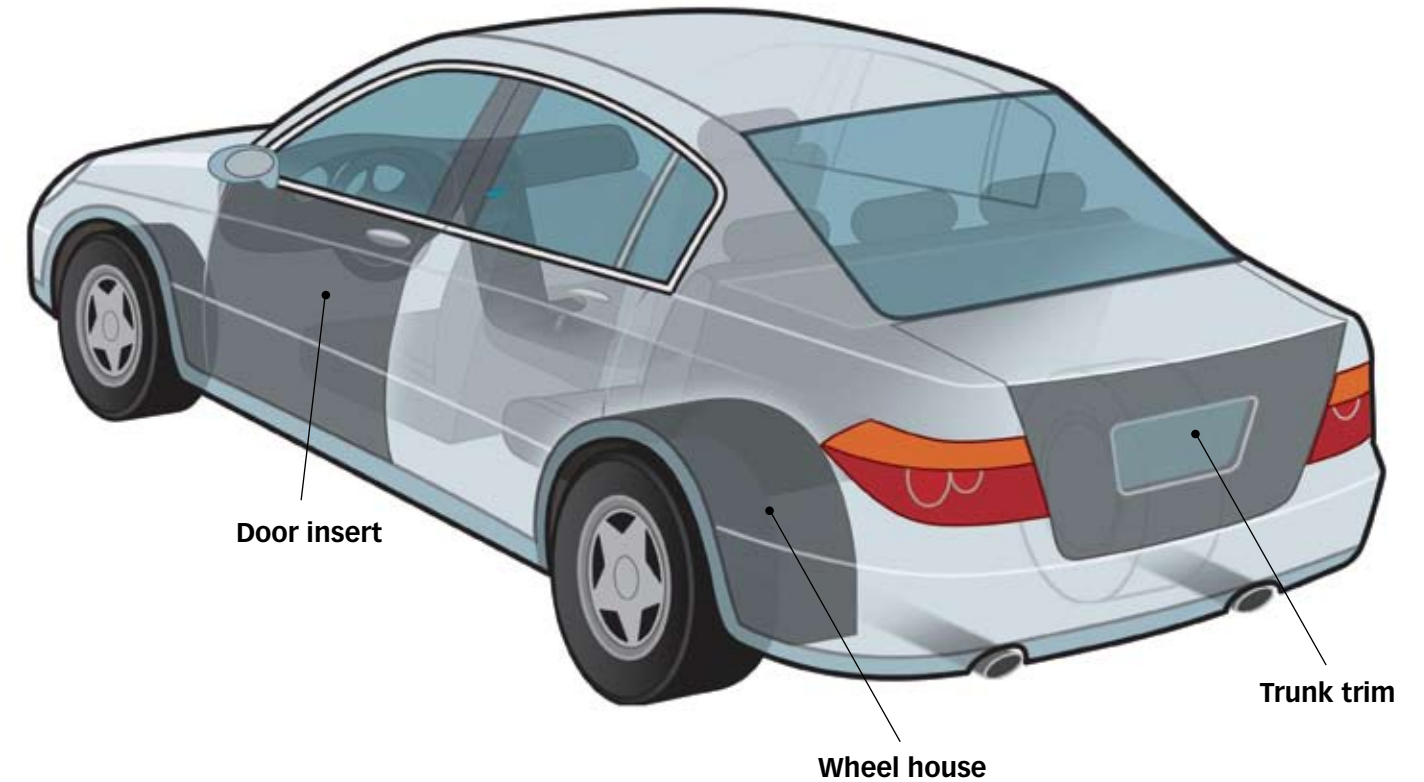
Mold-to-measure with thermoforming

ThermoFit™ can be thermoformed into pretty much any three-dimensional shape. Simply pre-heat it, then shape it by applying pressure in a cold mold. Hot air is generally used for preheating, but another option is infrared heaters in a conveyor oven or on a rotary molding table. You can choose to have several different densities when molding. But your options don't stop there: ThermoFit™ can be laminated with a variety of fabrics, other nonwovens, films and knittings.

Random Incidence Sound Absorption Alpha Cabin



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Product Description	ThermoFit Wheel Liner				
Product type	Needlepunch Nonwoven				
Fiber composition	Polyester, polypropylene, acrylic, other				
Finishing treatment	Heat set				
Coating type	Water repellent				
Material format available	Rolls or sheets				
	Target	min	max	unit	Method
Surface weight, Mean	950	855	1045	g/m ²	ASTM-D3776
Thickness-Mean (10 oz)	5.6	5.2	6	mm	ASTM-D5729
Width available		6	80	inches	
Flame retardancy (1 min)		25	80	mm	FMVSS-302