COMPONENT FOAMS

Automotive

Approved by major automobile manufacturers around the world, Armacell’s wide range of foam formulations are used as components that meet the strict standards that car companies demand. Armacell is driven by performance.

www.armacell.us
For most major car makers, all parts must be made from materials that are on their approved source list. It’s a competitive business and only the best suppliers with a proven track record of quality, new technology, on-time delivery and service will make the cut. Once a material has been included on the approved source list or our fabricator partners have been selected as preferred suppliers, the task is not over. We must continually maintain or improve our specs to stay competitive and meet the high expectations of auto makers and their supply chain.

FORD MOTOR COMPANY
Making a sound investment

Since 1903 Ford’s heritage has been closely tied with the growth of our global society. As the world industrialized and urbanized, car manufacturing met the continual demands of that growth. As such Ford depends on materials that uphold their reputation in the automotive field. The Ford WSS-M99P32-E1 standard specifies the performance of acoustical materials and insulators for interior assemblies. A number of Armacell Component Foam products have been tested to this Ford specification. From our Conover, North Carolina plant, EnsoLite® IUO and IV1 are low and medium density foams which have good flame, oil and fuel resistance, which is critical in a car chassis. IV2 has additional shock absorption properties. EnsoLite SF0 has also been tested to this spec, but is a very soft, crushed foam material with acoustical benefits that are ideal for quieting car interiors. Monarch® 5021 and 5022, made in Spencer, West Virginia, are closed cell rubber blend foams produced in buns. Both have good resistance to UV, ozone and weathering.

Another Ford Motor Company spec, Ford WSS-M99P48-A1, defines the minimum durability of foams that can be used for interior, exterior and underhood applications. Several of Armacell Component Foams have been tested to this specification as well. Armacell manufactured more than 6 million square feet of SF0 in 2018, much of it going into automotive parts.

Armacell’s foam is used in automotive components such as gaskets for sealing out water, air, dust or noise.

Products:
EnsoLite® IUO, IV2, SF0
Monarch® 5021, 5022
Armacell made more than 6 million square feet of EnsoLite SF0 in 2018.
ABOUT ARMACELL

As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic and mechanical solutions that create sustainable value for its customers. Armacell’s products significantly contribute to global energy efficiency making a difference around the world every day. With 3,000 employees and 25 production plants in 17 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for high-tech and lightweight applications and next generation aerogel blanket technology.

For more information, please visit:
www.armacell.us