



Performance Foams

Defense Packaging Solutions



Reliable Performance

The First Line of Defense for Sensitive Equipment and Materiel

A guidance system is stored in a container for more than a year. Then it is shipped to a staging area in the desert, before being flown by helicopter into a mountainous region where overnight temperatures are well below freezing. This system is counted on to work flawlessly – no excuses.

In your world, the right foam cushioning solution is the one that provides the best assurance. It too, will perform flawlessly, regardless of storage duration, environmental extremes, shock and vibration, anyplace in the world. Products from Dow Performance Foams feature superior attributes, proven again and again over a long history with the defense industry.

Engineered for Long-term Storage

Products from Dow Performance Foams provide unequalled dimensional stability in fabrication processes and end-user applications. They will not shrink or swell over time, providing reliable protection even during periods of long-term storage or extreme climatic variation.

No Residual Blowing Agents

Dow's patented RapidRelease* process technology enhances safety and convenience in shipping, handling, storage and fabricating by reducing residual blowing agents in our foam products to trace amounts, meeting

military blowing-agent specifications. Eliminating any flammable concentration of blowing-agents means greater workplace and storage safety, and sealed cases do not experience problems related to off-gassing.

Long-lasting Anti-Static Properties

Dow Performance Foams offers anti-static foam packaging products featuring a proprietary process that provides a much longer span of antistatic protection than competitive materials. In the assembly environment, static-sensitive products are protected by controlled dissipation of electrostatic charges. Electronics are safeguarded from electrostatic discharge, electrical overstress, dust accumulation, as well as minor surface

damage and major impact/vibration damage. Products from Dow Performance Foams are engineered to be reused many times, offering consistent protection even with numerous stops during the manufacturing and distribution processes.

Reliable protection even during periods of long-term storage or extreme climatic variation.

The Arsenal:

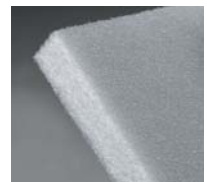
ETHAFOAM M Series Foams

ETHAFOAM* M Series Polyethylene Foams, the industry standard upon which the Federal Specification PPP-C-1752 was founded, are lightweight, durable, resilient and resistant to creep under constant load. They also provide predictable dynamic cushioning over a wide range of static loadings. ETHAFOAM foams can be used in many different configurations or existing container designs without affecting shock or vibration protection. A wealth of existing design criteria can be applied when developing new systems for protecting sensitive items during shipping and storage.

ETHAFOAM M Series Foams are specified in The Container Design and Retrieval System (CDRS) of the U.S. Department of Defense. Plus, they are available in various grades, as well as with long-lasting antistatic and fire-retardant properties.

SYNERGY Soft Touch Foams

SYNERGY* foams are strong, resilient, low-density closed-cell foams perfect for those difficult applications that require both toughness and a soft touch. Proprietary Dow custom-designed low-density polyethylene creates a rugged foam with enhanced cushioning and low abrasion properties. This foam is suitable for dunnage and cushioning components in packaging applications.





Knowledgeable Assistance In Choosing The Right Solution

You can count on Dow Performance Foams to bring its resources to bear in helping to identify the best solution for your project. We can provide product samples, information, testing, and will leverage our experience in working in the defense industry to help you make sure all pertinent issues are addressed. Dow has employed its innovation and expertise with polyethylene foams to serve the unique foam packaging needs of the defense industry since the early 1960s, and continues today as the industry standard for the most sophisticated military packaging, worldwide.

Global Authorized Fabricator Network

To ensure the quality of our service matches the quality of our products, Dow Performance Foams works closely with members of our Global Authorized Fabricator Network, who have the ability to assist with defense packaging solutions, so you have access to reliable fabrication services anywhere in the world.

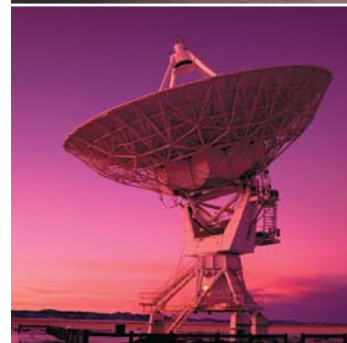
Our authorized fabricators work with you to determine the best product to meet your needs, and ensure it is fabricated to meet the military's stringent specifications and standards. Dow Authorized Fabricators can assist you with design, prototyping, estimating and documentation to augment your capabilities for on-time part production and shipment.

Proven Reliability

Dow Performance Foams offers long-lasting solutions for even the most difficult applications. Our products have the durability to withstand abuse that can alter the performance of other foams. In short, their resilience makes them the best solution for the long term.

An Environmental Ally

Products from Dow Performance Foams are environmentally friendly. Our foams used in the defense industry are tough enough to stand up to repeated reuse without diminished performance. And after their serviceability has been exhausted, these foams can be easily recycled.



No matter what the application, products from Dow Performance Foams can be manufactured to provide a customized, cost-justifiable solution.

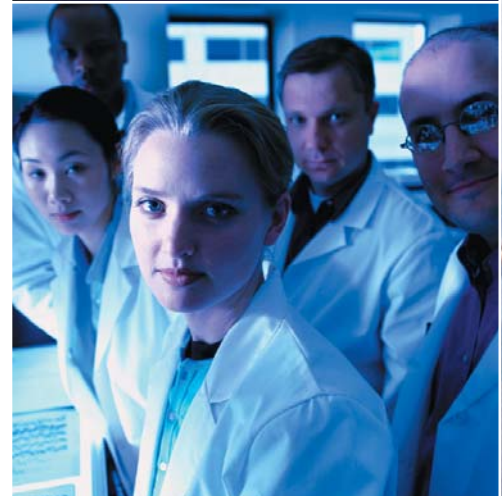
Durability and Consistent Performance You Can Count On

Products from Dow Performance Foams provide superior, reliable performance for the defense industry. They give you unfailing confidence that your packaging will provide the specified level of protection even for long periods of storage and under extreme environmental conditions. Products from Dow Performance Foams stand up to repeated reuse, and are recyclable. They protect sensitive products against impact, vibration and scratching, with no risk of fire, corrosion or off-gassing. Better dimensional stability eliminates shrinking or swelling. Dow is committed to providing solutions to meet your custom needs by offering design and engineering support, and maintaining an experienced, trained, worldwide network of authorized fabricators to ensure that help is there when you need it.

In any analysis of overall cost, getting a superior product that requires less material, lasts longer, is reusable and recyclable, and backed up by the resources of the market leader is a sure way to improve your performance.

How Can We Help You?

Dow Performance Foams shares The Dow Chemical Company heritage of scientific innovation. Our customers benefit not just from our products, but also from our thinking. We'd like to hear about the packaging issues you're facing, whether related to impact, vibration, scratching, material handling, storage, or some other problem. We will work with you to create a solution that can help your business become even more successful. Contact your local Dow Performance Foams representative, call 1-866-PKG-FOAMS in North America or 00-800-36-946367 in Europe, or reach us online at www.performancefoams.com.



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