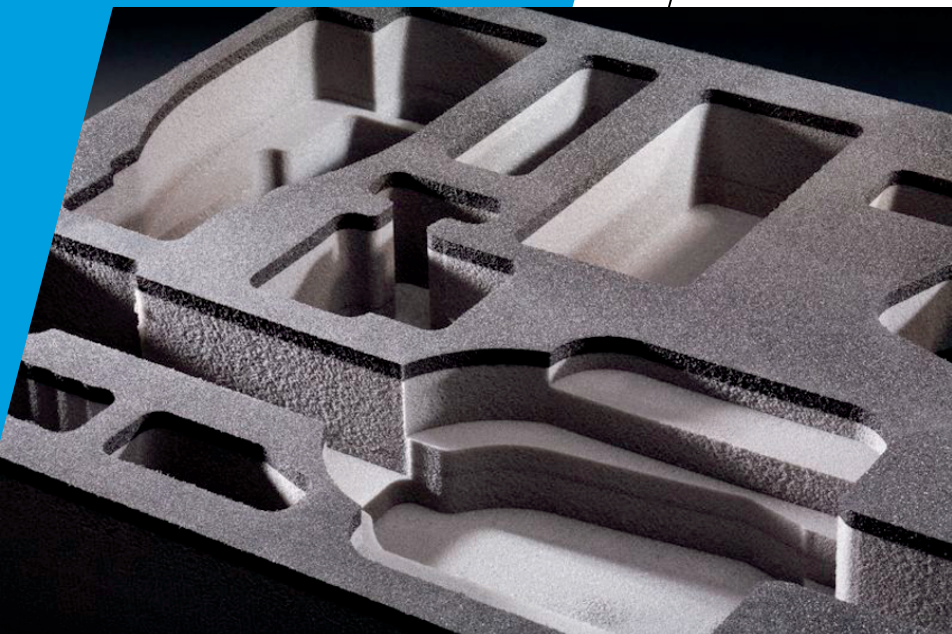


PARAMOUNT'S CROSS LINKED POLYETHYLENE (XLPE) FOAM

MILITARY AND DEFENCE INDUSTRY

LIGHTWEIGHT, VERSATILE, AND DURABLE:
A HIGH-PERFORMANCE FOAM SOLUTION



MILITARY APPLICATIONS

Uniforms and Tactical Gear- XLPE can be used to manufacture a variety of components for military and police personnel, it is non-toxic, hypoallergenic and latex-free which is safe for direct contact with skin. When combined with fabrics, XLPE provides support, comfort, and protection to the soldier in combat.



Commonly used to produce:

- Backpack straps and padding
- Back braces and duty belts
- Uniform knee and elbow pads
- Helmet padding and more
- Body armour cushioning
- Ballistic body armour

Paramount's Cross-Linked Polyethylene (XLPE) foam is used throughout the Military & Defence

industry for defence vehicle insulation and sound dampening, general-purpose packaging, impact protection for delicate components, weapons & ammunition packaging inserts, and uniform and gear components. XLPE is perfect for all-weather sleeping mats which are lightweight and can be carried easily.

Weight is key in the transportation of Military items and Paramount's XLPE military foam offers lightweight, durable, and dependable solutions for the Defence industry. These products do not promote corrosion and maintain their integrity during long periods of storage in environmental extremes like high-altitude drop zones.

Our foams are available in anti-static and flame-retardant formulations for superior shock protection that will make them the perfect choices when it comes time to protect your valuable equipment from static charges and vibration.



DEFENCE PACKAGING YOU CAN RELY ON



Military Packaging

XLPE is used for various kinds of protective case inserts and military packaging as it offers high resistance to moisture and chemicals and keeps the equipment protected from drops, shock, and vibration.



Typical Military packaging applications include

- Missile/Weapon Containerization
- Case Inserts & Drone Cases
- Crating Dunnage
- Ammo/Ordnance Packs
- Instrument Cushioning
- Sensitive Electronic Packaging
- Flotation
- Lining for insulated medical and pharmaceutical Box

Sound Control and Insulation

XLPE and Oxide Acetate Foam absorb sound and vibration and provides an adequate level of thermal insulation. It can be custom-fit to the shape of the defence vehicle compartment (like NBC Recce Vehicle) and insulation for noisy equipment. It can also be used to control the acoustics of a room in sensitive areas.

Naval & Marine Application

XLPE is used in a multitude of marine applications, from cushion seating to engine insulation to flotation and seals. It is waterproof, buoyant, durable, and offers good insulation. The material is shock-absorbent, tear-resistant, antimicrobial, provides support, and comfort, and is easy to fabricate into a variety of shapes.

Advantages

- Lightweight & Durable
- Non-abrasive
- Easy to fabricate
- Insulation
- Non-Dusting & Odorless
- Superb strength and tear resistance
- Shock absorption & vibration dampening
- Flexibility
- Impervious to mildew, mold, rot, and bacteria
- Resistant to water, chemicals, solvents & grease
- Static dissipative and conductive
- Excellent buoyancy
- Tested and approved
- Explosives compatible
- CFC free & ROHS compliant

