

WE SHIELD YOUR WORLD



EMI SHIELDING & THERMAL
MANAGEMENT SOLUTIONS FOR
NATO MILITARY SUPPLIERS

EURO
Technologies

AIR

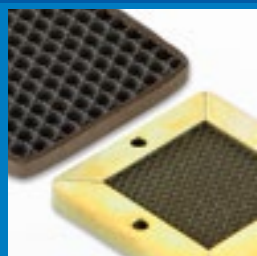
Today's fighter planes, support craft and transports are highly sophisticated pieces of machinery. From seals around engines and nacelles to on-board avionics the range of EMI-related issues is great.

For as many challenges air-based applications provide, we have the right solutions, such as:

- . High-frequency EMI and antenna pattern enhancement on military platforms
- . Equipment covers and panels . Navigation and flight control computers . Avionics enclosures . Ground-based and airborne radar . Compartment and access doors



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HONEYCOMB VENT PANEL



- . Wide choice of materials and finishes
- . Varied mounting configurations
- . Protective grille can be supplied
- . Full EMI test of panel to MIL-STD-285 to aid in the early stages of equipment panel design



THERMAL GREASE



- . Lowest Thermal Resistance from 0.009 °C-in²/W at 50 psi
- . Silicone based or Silicone free options
- . Cost effective solution
- . Screen and stencil printable
- . Designed for easy application
- . Flammability rating up to UL94 V0



GAP FILLER



- . Thermal Conductivity Range from 0.8 to 6.0 W/mK
- . Thickness from 0.5 to 5.0 mm and up
- . Compliance-rates up to 60 % deflection at 50 psi
- . Extreme Softness from 05 Shore 00
- . Natural Tacky on one or on both sides
- . Flammability rating up to UL94 V0



SHIELDED WINDOWS



- The window should be selected according to following criteria:
- . Window & color material
 - . Dimensions
 - . Anti-reflectivity
 - . Intermediate layers
 - . Gasket type



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■ LAND

From the harsh conditions of open desert, to urban campaigns to amphibious modern battlefield can be tremendously hard on military equipment used primarily in land-based scenarios. Our offerings include shielding for: Engine seals, Cowling, Fuel doors, Water sealing gaskets, On-board electronics.

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■ SEA

Spray, deep-sea pressure, constant exposure to salt. These conditions complicate the efforts to protect against EMI. To counter such challenges and more we feature absorbers and shielding for:

- . High-freq EMI and antenna pattern enhancement on military platforms
- . Water sealing gaskets for applications like panels, displays, windows, doors with low closure force to prevent bending of doors, lids and panels
- . On-board electronics

CERTIFICATIONS ○○○



CAGE CODE: AJ201
ROHS COMPLIANCE
ISO 9001:2008 CERTIFIED
REACH



MICROWAVE ABSORBER



- . Available in wide range of dimensions can easy be die-cut or supplied in kiss cut parts
- . Environmental friendly
- . Supplied with pressure sensitive adhesive for ease of installation
- . Fire retardant rating up to UL94 V0



ADHESIVE SILICONE



- To adhere gaskets made from conductive elastomers, different silicone based adhesives have been developed to attach silicone based materials to metal.
- Features:
- . Easy and ready to use
 - . Room temperature vulcanization
 - . Short curing time



FINGERSTOCK



- . Large selection of sizes and shapes
- . Superior performance at high temperatures
- . High shielding effectiveness
- . Zero compression
- . Ideal for high cycle application



CONDUCTIVE ELASTOMERS



- . Ideal for both military and commercial applications
- . Wide choice of profiles to fit large range of applications
- . Custom dies can be built to accommodate specific designs
- . Shielding effectiveness up to 120 dB at 10 GHz
- . MIL-DTL-83528 approved



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