**INSULATION MATERIALS**

**THE INSULATOR**

The Insulator is one of the finest sound proofing and thermal insulation materials available, and will last the life of the aircraft. The dual sided Insulator panels are ideal for installation on interior skin, floor, engine covers, doors, headliners, and bulkheads. The Insulator uses multi-layered fiber plies bonded to reinforced high performance foil to provide optimum barrier to acoustics, radiant heat, thermal heat, and moisture. Insulator is available in 4’x6’ panels or by the lineal foot (4’ wide). Install Insulator with Sticky Stuff spray adhesive (shown below) and Insul-Tape. Not FAA approved.

**INSULATOR PANELS**

Insulator – one ply 4’ x 6’ sheet. Single sided only. 
3/8” thick. P/N 09-27400.............$29.65 ea
Discount: less 15% on orders for 20 sheets (assorted)

**INSULATOR BY THE FOOT**

- Single side foil, single layer #6014; 4 ft. wide. 
P/N 09-06014..............$4.20 /ft.
- Double side foil, single layer #6016; 4 ft wide. P/N 09-06016.............$5.95 /ft.
Discount: less 15% for 100 ft. (per P/N)

**INSUL-TAPE**

This pressure sensitive aluminized foil tape conforms to irregular surfaces, seal seams and joints and provides a vapor barrier. Also mends damaged Insulator foil. tape conforms to irregular surfaces, seals seams and joints and provides a vapor barrier. Also mends damaged Insulator foil. Cuts easily with household scissors.


**STICKY STUFF ADHESIVE**

Stick Stuff is one of the best performing spray adhesives available. It is ideal for installing the Insulator and has many other uses. One spray can will install two 4’ x 6’ panels.

P/N 09-27420..........................$5.35/ea.

**BLANKET IN-A-BOX**

Insulating your aircraft made easy! Blanket is ready to install as is or can be modified to fit special areas. Each box contains all the materials to insulate your aircraft including an Orcotek strip blanket, tape, cutting knife, instructions and built-in work surface with measuring grid.

Furnished as follows:
1” blanket-in-a-box contains 1 roll (1’x20’x100’) Orcotek strip blanket, 2 rolls of Orcotape OT-16A (2”), utility knife, dispenser box-work platform
2” blanket-in-a-box contains 1 roll (2’x20’x50’) Orcotek strip blanket, 1 roll of Orcotape OT-16A (3”), utility knife, dispenser box/work platform

P/N 09-45005 $2,463.00/box
P/N 09-45010 $1,563.00/box

**CONTEGO FIRE BARRIER LATEX PRIMER**

Contego protects most building materials from the ravages of fire. Contego intumescent fire barrier products are all non-toxic, non-dermatic, and safe for pets. When exposed to fire, Contego fire retardant coatings expand to form a tough char barrier fire cannot penetrate. Deprived of fuel, the fire quickly dies. Contego not only helps prevent fires, it minimizes deadly smoke production, one of the leading causes of fatalities in metallic and commercial fires. Intumescent fire barriers are nothing new, but Contego Passive Fire Barrier Latex represents a quantum leap forward in terms of quality, versatility, affordability and fire safety—all in one truly impressive fire proofing product. Size: Quart. P/N 05-02615.............$25.90

**3M™ CARPET TAPE 9377 2 INCH X 25 YARD**

3M 9377 Tape has a differential adhesive system with a high-tack acrylic that bonds to the top-layer substrate and a rubber-based adhesive system that attaches to the flooring material. One side is black and attaches to the flooring material with an acrylic-based adhesive. The white side of the tape is a rubber-based adhesive that provides a bond to the floor surface. Firm application pressure helps develop better adhesive contact and improve bond strength. The bond strength will build over time reaching maximum strength at 72 hours.

FAR-25.853

P/N 09-02133......................$44.90

**INSULATION REPAIR & FABRICATION TAPE**

**ORCOTEK STRIP BLANKET**

Aircraft insulation by the foot. This durable, state-of-the-art, light weight blanket meets the thermal and acoustic requirements of the major aircraft manufacturers and is now available for your airplane. The blanket consists of fiberglass enclosed in moisture barrier. It can be used as is or cut in special shapes. Use Orcotape OT-16A 2” or 3” tape to seal the open edge(s) of the blanket. Strip blanket available in 1” thick x 20” wide or 2” thick x 20” wide. 1” thick x 20” wide. P/N 09-45015 $26.50/linear ft.
2” thick x 20” wide. P/N 09-45020 $31.60/linear ft.

**3M™ INTERAM CERAMIC BLANKET 49 INCHES BY 25 FEET**

3M Interam Mat I-10A, 49 inches by 25 feet (one roll): Ceramic fiber based material that expands into low-density insulation blankets when exposed to high temperatures or flames. Outer foil layer is aluminum.

P/N 03-00136......................$676.00

**VALCO CINCINNATI MULTI-PURPOSE SEALANT**

Valco Cincinnati multi-purpose sealant is a paste-like, one component material that cures to a tough, rubbery solid upon exposure to moisture in the air. Because it does not flow due to its own weight, this sealant can be applied overhead or on sidewall joints and surfaces without sagging, slumping or running off. It adheres to clean metal, glass, most types of wood, silicone resin, vulcanized silicone rubber, ceramic, natural and synthetic fiber, and painted and many plastic surfaces.

Valco multi-purpose sealant has good resistance to weathering vibration, moisture, ozone and extreme temperatures. It may be applied in subzero weather without loss of extrusion or physical property characteristics and is effective to -46°C (-50°F). Fully cured Valco multi-purpose sealant can be used for extended periods at temperatures up to 204°C (400°F), and for shorter periods as high as 218°C (425°F).

- 2 oz. tube. P/N 09-00277.............$6.95
- 7 oz. tube. P/N 09-00278..............$14.85

**VHT FLAMEPROOF COATINGS**

Originally designed for NASA’s reentry spacecraft, VHT FlameProof is a scientifically formulated compound designed to withstand temps. up to 1500°F (816°C) VHT it survives where other paints can’t, shields & protects, maintains finish, prevents rust & corrosion, and resists oils & solvents. For aircraft applications the typical use is on high temperature steel components such as exhaust & turbocharging systems. Excellent for use as a heat resistant & anti-corrosion coating on exhaust manifolds and turbine casings. Both Flat Aluminum and Flat Black are non-facing colors.

- Flat Aluminum 16 oz. aerosol spray P/N 08-00773 $11.75
- Flat Black 16 oz. aerosol spray P/N 08-00774 $11.75