INSULATION MATERIALS

THE INSULATOR

AIRCRAFT INSULATOR MATERIAL

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 multilayered fiber plys bonded to reinforced high performance foil to provide optimum barrier to acoustics, radiant heat, thermal heat, and moisture. Insulator is available in 4x6 panels or by the linear 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 $24.65 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.............$3.90/ft.

Double side foil, single layer #6016; 4 ft wide. 
P/N 09-06016.............$9.90/ft.

Discount: less 15% for 100 ft. (per P/N)

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 09-27415.............$12.95/ea.

INSUL-TAPE

AIRCRAFT INSULATOR MATERIAL

This pressure sensitive aluminized foil tape conforms to irregular surfaces, seals seams and joints and provides a vapor barrier. Also mends damaged Insulator foil. Furnished as follows:

30’ roll..............................P/N 09-27420.............$5.35/ea.

BLANKET IN-A-BOX

Insulating your aircraft made easy! Blanket is ready to install as it 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.

2” 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
P/N 09-45010.............$1,932.00/box

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.............$2,693.00/box

CONTEGO FIRE BARRIER LATEX PRIMER

- THE FIRE STOPS HERE-

Contego protects most building materials from the ravages of fire. Contego intumescent fire barrier products are all non-toxic, non-dematric, 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 residential 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.............$28.65

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. Will build over time reaching maximum strength at 72 hours. FAR-25-853 P/N 09-02133 ....$41.75

INSULATION REPAIR & FABRICATION TAPE

Orcotape OT-16A is a lightweight, pressure sensitive, reinforced, metalized polyvinyl fluoride tape which is designed to be used in the fabrication, repair & installation of thermal/acoustic blankets. It is the companion tape to be used with the Orcotek strip blanket to seal the edges. Furnished in 60yd rolls.

2” width......................P/N 09-04565.............$162.75/ea.

3” width......................P/N 09-04566.............$396.00/ea.

ORCOTEK STRIP BLANKET

Aircraft insulation by the foot. This durable, state-of-the-art, lightweight blanket meets the thermal and acoustic requirements of the major aircraft manufacturers and is now available for your airplane. The blanket consists of fiberglass encased 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. Complete 50ft rolls available.

2” thick x 20’ wide...........P/N 09-45020.............$34.65/linear ft.

FIBERGLASS INSULATION BLANKET

Ultra-light FAA compliant Thermal/Acoustic insulation by the foot. The blanket consists of a covering film qualified to Boeing Material Spec. (BMS) BMS9-37 Ty I & II, Cl 1 and fiberglass qualified to BMS9-48 Ty III, Cl 2, Gr A. These materials meet the FAR25.856(a) flammability regulations as required per the BMS and are available in 1” or 2” thickness. The generic blanket can be cut to shape and edges sealed with BMS5- 157 Ty 1, Cl 1 or 2, Gr A, Form 1 Tape. Complete 50ft rolls available.

1” X 20’........................P/N 09-04520.............$23.55

2” X 20’........................P/N 09-04521.............$27.75

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 insulations as required per the BMS and are available in 1” or 2” thickness. The generic blanket can be cut to shape and edges sealed with BMS5-157 Ty 1, Cl 1 or 2, Gr A, Form 1 Tape. Complete 50ft rolls available.

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. This sealant can be applied overhead or on vertical 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. Effective to 46°C (115°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).

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 the 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 Black and Flat Aluminum non-fading colors.

Flat Aluminum 16 oz. aerosol spray.................P/N 08-00714.............$14.55

Flat Black 16 oz. aerosol spray.................P/N 08-00714.............$14.50

www.aircraftspruce.com

Prices Subject to Change Without Notice