

# 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 multi-layered fiber plys bonded to reinforced high performance foil to provide optimum barrier to acoustics, radiant heat, thermal heat, and moisture. Insulator is available in 4' x 6' 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 ..... --- ea

### INSULATOR BY THE FOOT

Single side foil, single layer #6014; 4 ft. wide. Max Temp: 200°F  
P/N 09-06014 ..... --- /ft.  
Double side foil, single layer #6016; 4 ft wide. Max Temp: 200°F  
P/N 09-06016 ..... --- /ft.

## INSULATION TAPE

Insulation Tape. This item is a commercial version of the government specification Mil-P-15280. It is an adhesive backed tape with a smooth upper surface.



Size	Part No.	Price
1/8"X1"x30ROLL	05-11197	---
1/8"X2"x30ROLL	05-11198	---
1/8"X1/4"x10ROLL	05-11199	---
1/8"X1/2"x30ROLL	05-11200	---

## 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. ...  
P/N 09-45005 ..... ---/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 09-45010 ..... ---/box

## 3M™ 361 GLASS CLOTH TAPE



Constructed with a woven fiberglass backing, 3M™ Glass Cloth Tape 361 features a pressure sensitive silicone adhesive for applications requiring high-temperature resistance, high adhesion and clean removal. It is often used for high temperature applications such as sealing ducts and as a back-up strip for submerged arc welding.

Colors: White. 60 yd. roll ..... P/N 09-05773 ..... ---

## 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-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 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 ..... ---

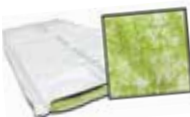
## INSULATION REPAIR & FABRICATION TAPE



Orcotape OT-16A is a lightweight, pressure sensitive, reinforced, metallized 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 ..... ---/ea.  
3" width ..... P/N 09-04566 ..... ---/ea.

## 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. Complete 50ft rolls available.  
2" thick x 20" wide ..... P/N 09-45020 ..... ---/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) BMS8-377 Ty I & II, Cl 1 and fiberglass qualified to BMS8-48 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 2 or 3, Gr A, Form 1 Tape. Complete 50ft. rolls available.

1" x 20" ..... P/N 09-04520 ..... ---  
2" x 20" ..... P/N 09-04521 ..... ---

## 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 ..... ---

## 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 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.

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)  
3 oz. tube ..... P/N 09-00277 ..... ---  
11.17 oz. tube ..... P/N 09-00278 ..... ---

## DOWSIL™ 832 MULTI-SURFACE ADHESIVE SEALANT BLACK



DOWSIL™ 832 Multi-Surface Adhesive Sealant Black is a one component, non-slumping silicone paste that is used for protecting, sealing, and bonding a variety of materials such as concrete, glass, plastics, metals, and rubber. It is recommending for marine equipment, assembly equipment, roof penetrations, concrete floor seams, and windows. It offers unprimed adhesion, low odor, neutral cure, flexibility, and is non-corrosive. 100 percent silicone RTV rubber. Forms flexible, long-lasting seal.

P/N 09-06157 ..... ---

## 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 Aluminum and Flat Black are non-fading colors.

Flat Aluminum 16 oz. aerosol spray ..... P/N 08-00713 ..... ---  
Flat Black 16 oz. aerosol spray ..... P/N 08-00714 ..... ---