E-AR-COMPOSITE DAMPING FOAM
ADC-224 is a mid-temperature damping composite of 0.25" thick damping foam fixed with 0.005” thick aluminum foil and backed with pressure sensitive adhesive. Used in aircraft for weight efficient damping and to reduce radiated noise. Meets FAR 25.853 (A) for fire resistance. Furnished in 27” x 48” sheets.

3M™ SOUND & VIBRATION DAMPING PANELS
Designed for damping resonant vibrations of thin sheet metal, these panels are pressure sensitive, specially compounded polyurethane damping foam with an aluminum foil backing. The adhesive on the foam is protected by a peel-off paper covering.

ALUMINUM FOIL TAPE
A 2 Mil. (50 micron) high strength aluminum foil coated with an aggressive, high temperature acrylic adhesive system. The foil conducts well to both the adjacent sheet metal, providing an excellent vapor seal. The malleable foil also conforms well around corners and to irregular surfaces. Coated with a cold weather acrylic pressure sensitive adhesive system which combines superior quick stick at normal temperature with superior low temperature performance. Below freezing - this is the ultimate in cold weather tapes. Recommended for use for most Insulation and for elevated temperatures. Applications: Primarily used for vapor sealing fiberglass door systems and sheet metal ducts; can also be used on FSK systems tape described above. 2” x 25 Yd. Roll.

TEFLO CHAFE TAPE
The T-300 is a Milky/Clear Teflon Chafe Tape that has an adhesive backing on one side. It is sold in a 1” x 10” Package and is used between Aluminum Skins as a chafe tape. 1/4” w/adhesive

TEFLO ANTI-CHAFE TAPE
This 1” wide x 36 yards long, 5 Mil Anti-Chafe tape can be used to protect aircraft windshields and engines. It helps prevent black streaking on aircraft exterior due to chafing. Not FAA/PMA approved. Operable temperature range: -100°F to +500°F. Width: 1”. Roll length: 6 yards. Tensile: 12.6 lbs. 12 mil thick. P/N 09-31805 – $48.50/roll

TEFLO COATED FIBERGLASS ANTI-CHAFE TAPE
These 1” rolls of Teflon on fiberglass anti-chafe tape are excellent for use on engine cowlings to keep cowl components from chafing. The tape is available in 5 mil thick and 10 mil thick and comes with a silicone adhesive on the tape. Just peel back liner and install. Rolls are 1” wide x 36 yards long. 5 Mil Anti-Chafe tape. P/N 05-01024 – $51.75/roll

UNI-WRAP SILICONE TAPE RUBBER SELF-BONDING TAPE
UniWrap silicone rubber sealing tape bonds to itself permanently to protect, repair, join, or insulate virtually any type of part on which ordinary tape can be used. But the big difference between UniWrap and ordinary tape is that it fuses to itself permanently to form a homogenous mass and provides unprecedented protection and insulting characteristics. UniWrap uses no adhesives so it is non-tacky. It has a 12 month shelf life and after fusing is unaffected by moisture, cold, heat, ozone shock, or vibration. Meets MIL-I-46852 Type II as well as strict aerospace industry performance requirements. Available in red, black, gray, or white. Furnished in 10 yard rolls, UniWrap is 1” wide and 0.020” thick UniWrap.

NOXUDOL SOUNDPROOFING LIQUID
A paint-on soundproofing material that is applied to metal surfaces to reduce vibration and reverberant noise. Use to fill cracks and spaces where noise can enter. Buff color and can be painted. Paint engine mounts to increase fire resistance. Odorless and non-toxic when dry. Waterbased product. Non-Flammable. Shelf life: 1-year. Not FAA approved.

SUPER SOUNDPROOFING TAPE
This is a 1/8” thick by 2” wide self adhesive tape that can be placed on metal panels and wrapped around ducts to reduce vibration and reverberant noise. Not FAA approved. 30 ft. rolls.

HOW TO SOUNDPROOF LIGHT AIRCRAFT
Sound measurement indicates that sometimes the noise levels are so high in some aircraft that damage to hearing over time can result. This “How-To” manual discusses the advanced techniques to sound proofing the light aircraft and drastically reducing such noise. Information presented is applicable to all types of planes from “pudle-jumpers” to jets.

TEFLO ANTI-CHAFE TAPE

Price: Per.$16.50

5” wide

1/2” w/adhesive

$23.75/ea.

RED

P/N 09-00433 $44.75/roll

SUPER SOUNDPROOFING SHEET WITHOUT ADHESIVE
This material is excellent for reducing noise levels in all types of certificated and homebuilt aircraft. It is a closed cell vinyl insulating material which will not absorb water or oil. Has fire retardant qualities and meets FAR 25.853a Appendix F, P11. It is smooth on one side for easy attachment to the inside cabin surfaces. Excellent for helicopters as well. Furnished in bulk 48” wide tape, it is easily cut by scissors and attached with contact cement. Available in black only.

SUPER SOUNDPROOFING FOAM MAT

Price Per.

Lineal Ft.

Thickness

Wt. / Lineal ft.

P/N 09-

Price Per.

Lineal Ft.

Thickness

Wt. per Lineal ft.

P/N 09-

1/8” 25 lbs. 42719 $6.50 3/4” 1.4 lbs. 42727 $28.65

1/4” 60 lbs. 42720 $11.50 1” 2.0 lbs. 42730 $26.50

3/8” 80 lbs. 42723 $16.85 1-1/2” 3.0 lbs. 72731 $49.95

1/2” 1.0 lbs. 42725 $16.75 2” 4.0 lbs. 42760 $48.70

SUPER SOUND PROOF WITH ADHESIVE
Super Soundproofing Foam Mat for noise control. A closed cell vinyl-nitrile noise control FOAM suitable for application to cars, boats, planes, home and office, anywhere a noise control mat is needed. Won’t absorb moisture or odor, long lasting and durable. An excellent thermal insulator! (FAA Approved for aircraft, too!) Just apply with vinyl or contact cement to reduce and absorb sound. There may be small variances in the width of this product.

Price: Per.

1/8” w/adhesive

$8.95

P/N 09-01243 $8.95

1/4” wide

$13.50

P/N 09-01244 $13.50

3/8” w/adhesive

$16.65

P/N 09-00443 $16.65

1/2” w/adhesive

$21.50

P/N 09-00444 $21.50

3/4” w/adhesive

$29.95

P/N 09-00772 $29.95

2” w/adhesive

$39.50

P/N 09-01247 $39.50

SOUNDPROOFING – INSULATION

WWW.AIRCRAFTSPRUCE.COM

Prices Subject to Change Without Notice

SEE THE ENGINE PARTS SECTION OF THE CATALOG FOR MORE INSULATION PRODUCTS!