



BA825P

Mid to High Temperature Skin Damping

Description

BA825P is a mid to high temperature skin damping composite. It is specially formulated for optimal damping between -15°C and 40°C. BA825P consists of a 5 mil damping aluminum foil, a 1/4" 8 lb PVC core and a 5 mil unsupported PSA. This combination is very effective for vibration damping when applied to the skin of pressurized aircraft.



Vibration Damping Performance BA825P

Physical Properties

Core Density	8 lb
Core durometer hardness	25 (shore 00)
Water Absorption	1.0% by volume
Thermal Conductivity	0.27 (k-value)
Optimal use temperature	-15 to 40°C
PSA peel adhesion	9.6 Lbf / in
Burn Test	Meets FAR 25.853(a) and FAR 25.856(a)
Sheet Size	27" x 48"
Weight (psf) Nominal	0.24

