

AeroAcoustic

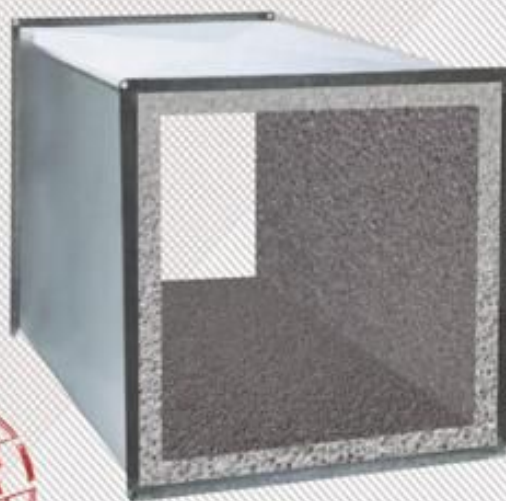
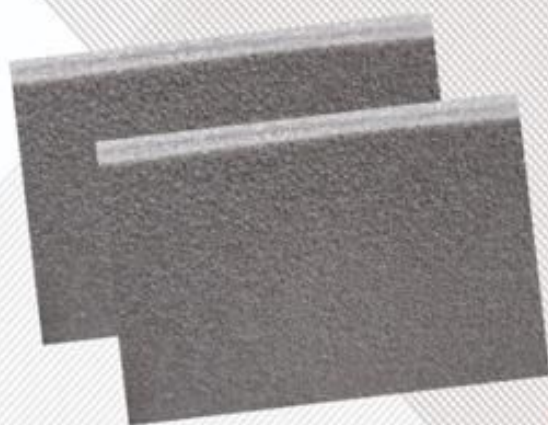
SEMI-OPEN CELL XLPE



ACOUSTIC INSULATION :

Aerolam XLPE (Crosslinked Polyethylene) Acoustic is a semi open cell foam with or without self-adhesive and used as a duct liner.

Also it can be used in Fan, Compressor Housing and Pump/Engine Casing.



TECHNICAL DATA :

XLPE Foam Properties:

Thermal Conductivity	: 0.0329 W/m-K at 23° C	as per ASTM C518 standard
Density (XLPE Foam only)	: 30 kg/m ³ (+/-5)	
Water Vapour Permeability	: Almost 0.00 permeability	as per ASTM E96 standard
Water Absorption	: 0.2% by volume	as per ASTM C209
Fire Resistance	: Class O	as per BS 476 Part 7 (Surface Spread of Flame) and Part 6 (Fire Propagation)
Working Temperature	: from -40° C to 105° C	as per Accredited Laboratory
Compression Strength	: @ 25% 0.44 Kg/cm ²	as per ASTM D3575
VOC Level	: 0.018 mg/m ² /hr	as per ASTM D5116
CFC HCFC Free	: Pass	as per USEPA 8260 B
Antifungal	: Yes	as per ASTM G21
Antimicrobial	: Yes	as per ISO 22196
Environmental Concerns	: ODP = 0	GWP < 5

ACOUSTIC Properties:

Sound Transmission Class	: STC-15	as per ISO 354/ ASTM C423/ IS 8225
Noise Reduction Co-efficient	: NRC-0.25	as per ISO 354/ ASTM C423/ IS 8225