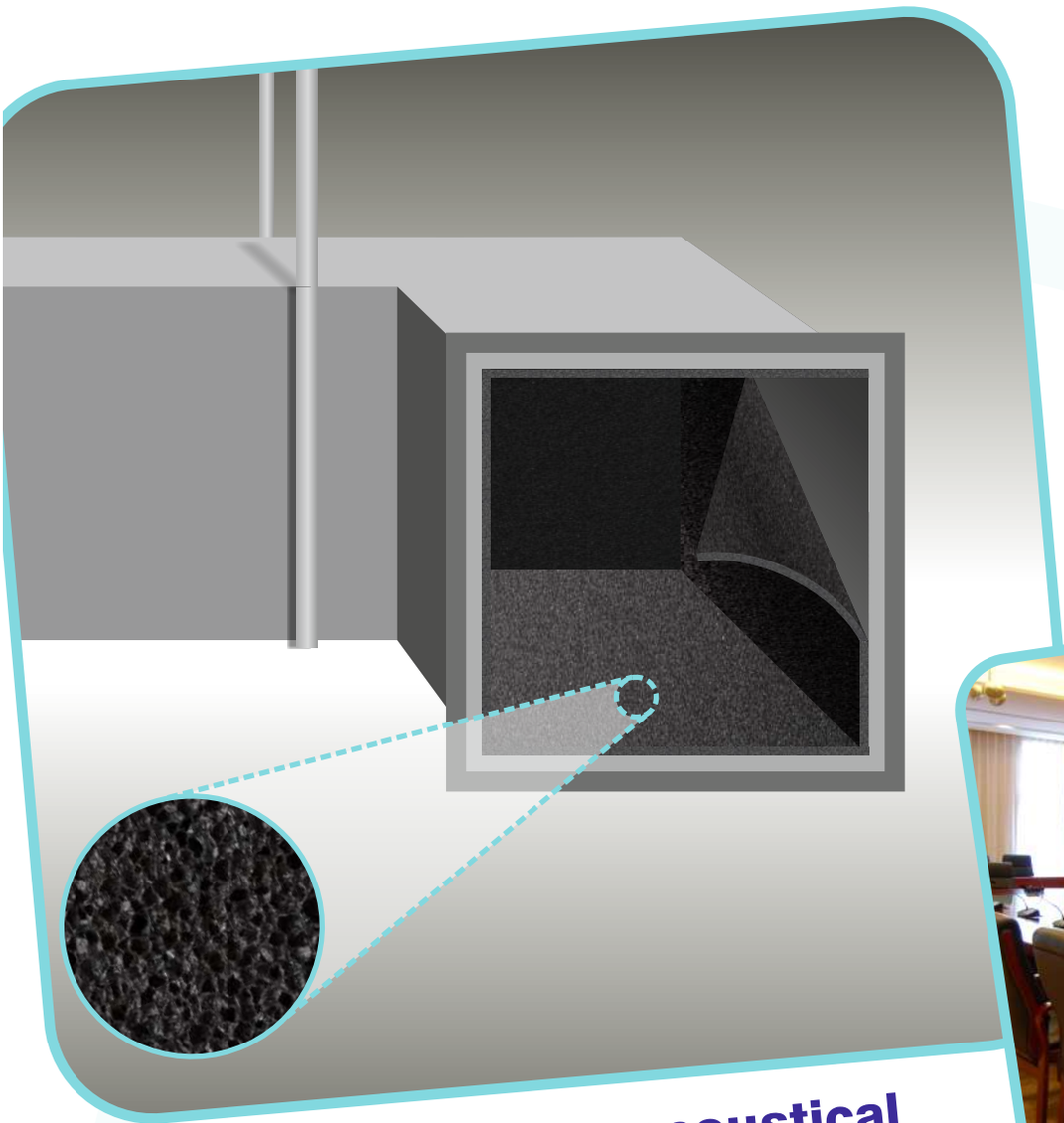
Supreme©
People who know plastics best



High-performance acoustical foam ideal for sound insulation

SAVE
Supreme Always Value Efficient

INSUsound-xlo

Fire retardant, semi-open cell engineered
XLPE foam for sound insulation

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INSUsound-xlo

HVAC equipment for building is one of the major sources of interior noise, and its effect on the acoustical environment is important. Operation of HVAC equipment can also induce mechanical vibration that propagates into occupied spaces through structure borne paths such as piping, ductwork and mounts. These vibrations can cause direct discomfort and also create secondary radiation of noise from vibrating walls, floors, piping etc. Therefore installing a suitable sound- absorbing liner inside the air ducts is an exceptionally effective way to reduce this air- borne noise and improve the acoustics in the building.

Supreme introduces INSUsound-xlo a range of high-performance engineered semi open cell XLPE foam specially designed for applications that require enhanced sound absorption properties. This non-fibrous tri dimensional chemically crosslinnked fire-retardant foam provides excellent sound absorption characteristics ideally suited in duct lining application. INSUsound-XLO does not disintegrate or particulate unlike conventional products.

Product also used for gasket application in some specific area also used as vibration damping as a gasket.

Features & Benefits

- Long lasting, non-deteriorating and also does not particulate hence; provides consistent performance
- Ease of handling, application and installation
- CFC/HCFC free production-environment friendly
- Structure of product is 1 side skin and 1 side semi open cell which facilitate less consumption of adhesive while doing adhesive coating over skin surface
- Flexible in nature & washable

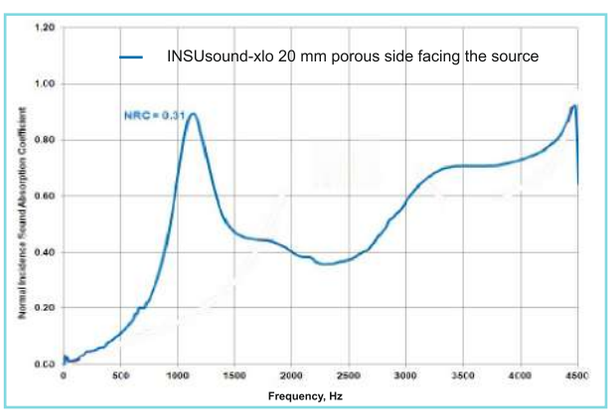
Technical Specifications

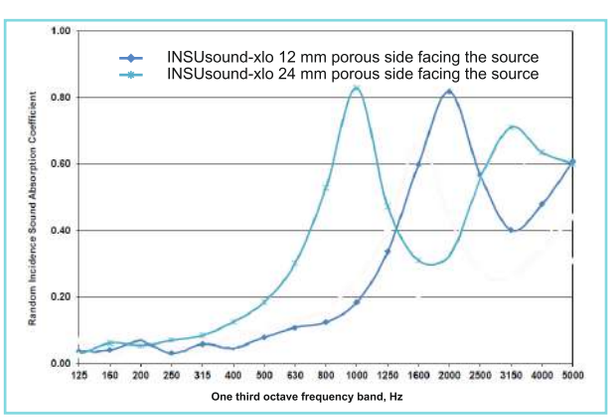
NRC value and transmission loss to be mentioned in test specifications.

Description	INSUsound-xlo typical values	Units	Standards
Density	30±3	Kg/m^3	ASTM D 3575
Compression strength @ 25% compression (min)	0.3	Kg/cm^2	ASTM D 3575
Compression set @ 50% compression (min)	15	%	ASTM D 3575
Tensile strength at break (min)	2	Kg/cm^2	ASTM D 638
Tensile elongation at break (min)	70	%	ASTM D 638
Tear Strength (min)	1.2	Kg/cm	ASTM D 3575

*** Final spec value applicable for specified product & density. Please contact manufacturer for actual specs against product.**

As per ISO 354/ASTM C423 comparison pot for random incidence sound absorption coefficient for INSUsound-xlo samples at one third octave frequencies





Recommended Applications

- Duct internal lining
- Plenum area lining
- Pipe lagging
- Gaskets
- AC equipment insulation
- Room acoustics

Product Variance

- Thickness: 12mm, 20 mm and 24 mm
- Size: 1.2 mtrs. (width) x 25 mtrs. /12.5mtrs in roll form

Connect with us

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THE ABOVE MENTIONED SPECIFICATIONS ARE REFERENCE PURPOSES ONLY.

Mktg/INSU/Lit/INSUsound-xlo/Nov-14