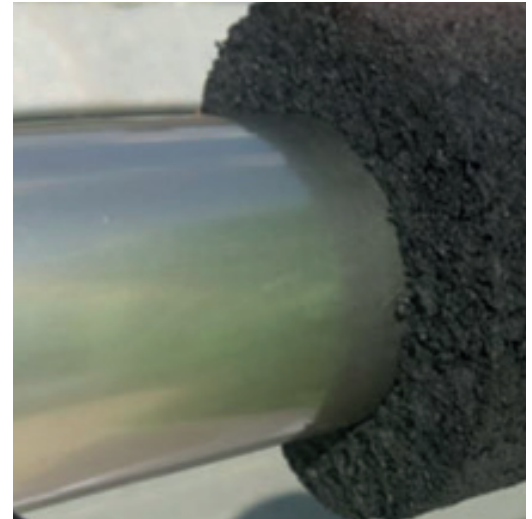
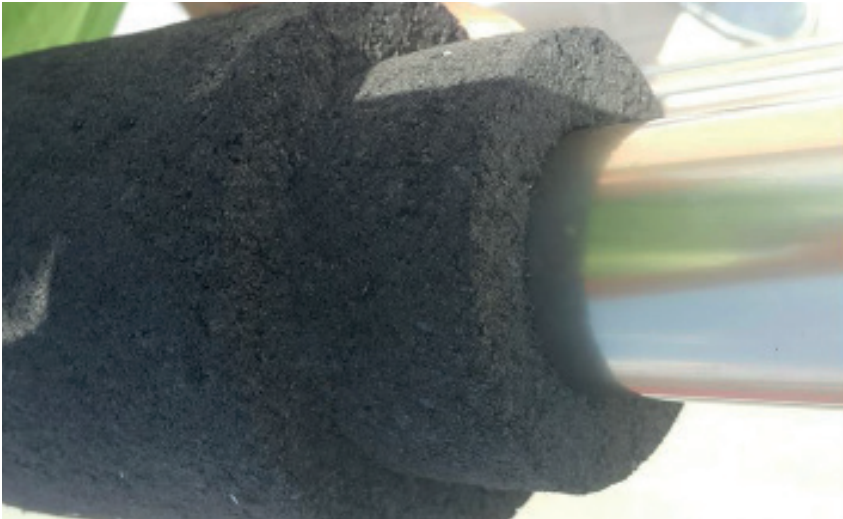


INDUSTRIAL SOUND INSULATION

- High sound absorption performance in pipes and ducts
- %100 recycled rubber
- Non flammable
- Provides high thermal insulation



TECHNICAL DATA

Brief Description	Flexible rubber, open-cell acoustic insulation material.
Material Type	Elastomeric foam based on rubber.
Special Features	Sound absorption and impact isolation performance.
Product Range Thickness	5, 10, 15, 20, 25, 30, 40, 50 mm
Applications	In general applications AZURSOUND is used as acoustic insulation material with excellent sound absorption performance in a variety. AZURSOUND is ideal as sound absorbing material in all mechanical and electrical installations, industrial piping applications.

TEMPERATURE RANGE

Property	Value / Assessment	Standard / Test Method
Service temperature	Max. service temperature +85°C +185°F	Tested according to TS EN 12667
	Min. service temperature -20°C -4°F	

THERMAL CONDUCTIVITY

Thermal conductivity (metric units)	$\lambda \leq 0,0472 \text{ W/(m}\cdot\text{K)}$ at 0°C $\lambda \leq 0,00831 \text{ Btu}\cdot\text{in / (h}\cdot\text{ft}^2 \cdot\text{°F)}$ at 32°F	Tested according to TS EN 12667
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FIRE PERFORMANCE & APPROVALS

International standards	Class 1 < 100 Flame propagation distance (mm)	Tested according to TS EN 13501:1 Bfl S2
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DENSITY

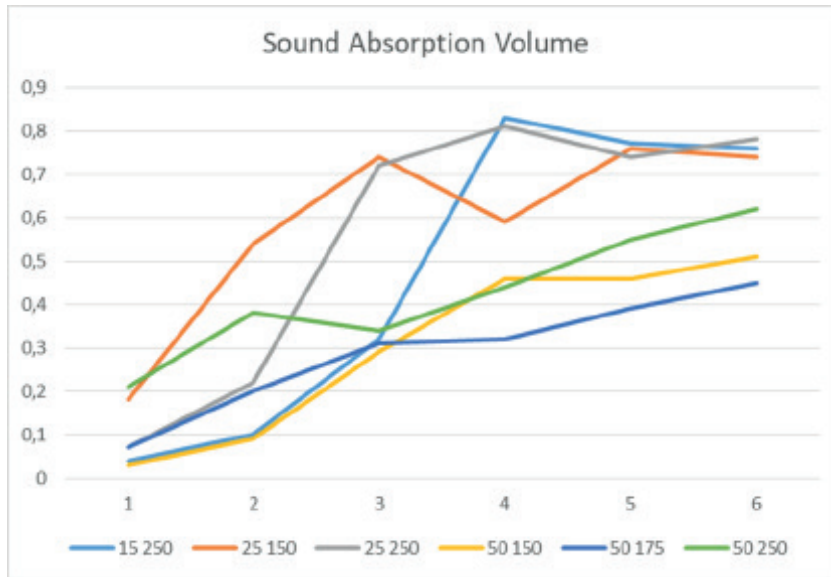
Density	150 to 380 kg/m ³ 9,36 to 23.72 lb/ft ³	Tested according to ISO 10534-2
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ACOUSTIC PERFORMANCE

Thicneees (mm) density (kg/m ³)		Frequency (Hz)					
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
25	150	0,04	0,01	0,32	0,83	0,77	0,76
50	150	0,28	0,54	0,74	0,59	0,76	0,74
50	175	0,07	0,22	0,72	0,81	0,74	0,78
15	250	0,03	0,09	0,29	0,46	0,46	0,51
25	250	0,07	0,2	0,31	0,32	0,39	0,45
50	250	0,21	0,38	0,34	0,44	0,55	0,62

Noice Reduction Coefficient (NRC): 0,67

Thicness & density: 50/150



OTHER TECHNICAL FEATURES

Weather Resistance	In all industrial applications, except for enclosures and other similar sound absorption applications in atmospheric open applications, A coating layer is required on the material.	Tested according to EN ISO 10140-2
Health aspects	Fibre dust free	
Application and handling conditions	Ambient temperature: +5 °C to + 40 °C 41 °F to + 104 °F	
Sealing and adhesion	AZURBOND adhesive is used to secure joints and seams reliaby. AZURTAPE is used as a special product at the at the connection points.	
Storage	Material shall be stored indoors, in clean and dry conditions, away direct sunlight.	
Shelf (stoage) life	Max.2 years	