



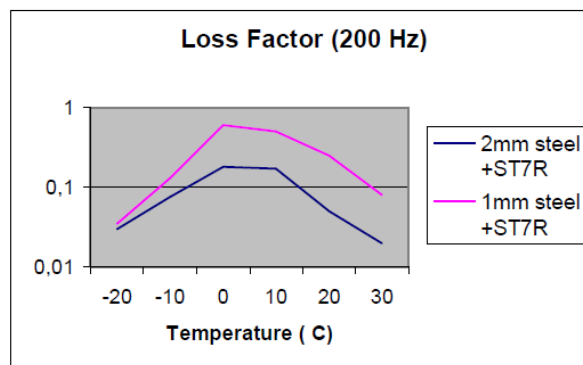
01.01.2014

Product specification: VIBRATION DAMPING, BARRIER MATS ST3R, ST7R and ST10R

Material description

A structure in resonance can undergo very high vibration and noise if energy is continuously supplied. ST bitumen based barrier mats are flexible damping materials which provide immediate and highly effective vibration damping and sound insulation when placed on metal, plastic or wooden structure. ST mats are specially designed for insulation of air-borne sound and for damping of structure borne noise in vehicles, all kinds of machines and cabins. ST mats have self-adhesive (PSA, Pressure Sensitive Adhesive) backing with release paper. ST barrier mats must be sheltered from rain and sun and must not be handled at temperatures below 5 °C

	ST3R	ST7R	ST10R
Thickness:	2 mm	3.5 mm	6 mm
Weight:	3 kg/m ²	6.5 kg/m ²	10 kg/m ²
Resistance to chemicals:	Diesel oil Petrol Anti-rust agent Water		hardly any influence temporary swelling hardly any influence hardly any influence
Colour:	black, yellow/brown release paper		
Fire Resistance:	FMVSS302		
Heat Resistance:	-30...+110°C		
Dimensions:	1000x1200 mm or 1000x1500 mm		
Storage:	12 months (dry conditions, room temperature)		
Acoustical properties:	see loss factor on diagram		



This information on ST barrier mats is presented to our best knowledge.



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Health and Safety Information

Product:	ST3...10R
Product group:	Vibration Damping and Barrier Mat
Composition:	Bitumen based compound with mineral fillers.
Appearance and odor:	Sheets / bitumen (oil based product) odor.
Health hazards:	None
Emergency first aid procedures:	Not Required
Fire hazards:	Material produces (dense) smoke while burning. See the tested fire resistance class from previous table. Advice should be taken from local fire authority for specific storage situations. It is not recommended to inhale smoke from the fire. If smoke is inhaled, seek out to fresh air and if necessary consult a doctor.
Emergency action:	Generally not required.
Waste disposal:	Incinerate or landfill according to current local authority legislation.
Transport precautions:	Nothing special
Handling/Use precautions:	No special precautions required. Observe normal personal hygiene.

This information is based on our actual knowledge. However, it does not constitute a guarantee of our product's characteristics and does not engage in any case our liability.

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