



## STP NoiseBlock

The self-adhesive material are used as sound insulating coating in vehicles, agricultural machinery and other objects specific requirements to effective noise and vibration reduction are imposed on.

The material is a multilayer construction consisting of an adhesive polymer layer based on elastomeric composition, protected with anti-adhesive paper, and a facing nonwoven layer. The product is supplied in the form of sheets. Details are produced by punching or cutting.

Coefficient nomination	Specification	
	NoiseBlock 2	NoiseBlock 3
Thickness, mm	2,0±0,2	3,0±0,3
Weight of 1 m <sup>2</sup> , kg, min	4,0	6,0
Material-to-foamed polyethylene bond strength at peeling off, N/cm, min	2	
Antiadhesive paper-to-adhesive polymer layer bond strength, N/cm	0,01-0,50	
Inflammability, burning rate, mm/min, max	non-flammable 100	
Airborne noise insulation index within the frequency range (100-3150) Hz, dB, min	30	

### Transportation and Storage

#### Transportation

The material must be handled under the conditions eliminating moisture penetration. It's prohibited to drop or bend material packages while handling. Packages must be transported horizontally, on a plane surface, in any roofed types of transport in compliance with haulage rules for this type of transport under the conditions eliminating mechanical damages, material deformation, and moisture penetration.

#### Storage

The product must be stored indoors, in packages, horizontally, on plane surface, in piles not higher than 1m at temperature not higher than 40°C, not closer than 1m to heating appliances

under the conditions eliminating moisture, solvents or oil penetration and exposure to sunlight.



## **Installation and Exploitation requirements**

### Exploitation

The exploitation temperature range is from -45 to +100 °C. The product may be exposed to the temperature up to 150°C for maximum 10 minutes.

### Preparation for installation

In case the product is stored or transported at temperature below 0°C, before mounting it must be kept at temperature of (20±5) °C for minimum 24 h. The working temperature range must be from 18 to 30°C. Before installation, the surface must be cleaned of dust and dirt. The anti-adhesive paper is to be peeled off. The product is to be pressed to the surface firmly, from center to edges, avoiding air cavities formation.

To clean the mounted product of dirt use water with neutral detergents not containing organic solvents and alkali.

### Installation

The material can be mounted on horizontal surfaces including surfaces of irregular shape. The product is mounted on polyethylene foam. In case of industrial assembly, the material can be mounted on other surfaces assuming that the material-to-surface bond strength is in compliance with the present technical specifications. The product can't be reused upon dismounting.

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