



## ZVUKOIZOL FLEX

### DESCRIPTION

Zvukoizol FLEX is a line of soundproofing materials based on elastomer rubber and mineral-polymeric membrane of high density. The combination ensures maximum efficiency in noise reduction at minimum thickness of the material. The product is excellent solution for soundproofing of utility systems and services including ventilation ducts. The material is easy to cut and work with, health friendly.

### COMPOSITION

- soft layer: foam rubber;
- dense layer: membrane based on polymers, high-density rubber, and mineral components (baryta).

### SIZE AND WEIGHT

Modifications	Length, mm	Width, mm	Thickness, mm*	Roll Area, m <sup>2</sup>	Surface Density, kg/m <sup>2</sup>
Zvukoizol Flex	2 500	1000	12	2,5	4,4
Zvukoizol Flex smk	2 500	1000	12	2,5	4,4
Zvukoizol Flex Al	2 500	1000	12	2,5	4,4
Zvukoizol Flex Al smk	2 500	1000	12	2,5	4,4

### SPECIFICATIONS

Parameter	Flex	Flex smk	Flex Al	Flex Al smk
Thermal Conductivity Coefficient, dry weight, max., W/(m °C) 0/20/40	0,032/0,034/0,036	0,032/0,034/0,036	0,032/0,034/0,036	0,032/0,034/0,036
Airborne Noise Isolation Index, Rw, dB	28	28	28	28
Impact sound insulation improvement index, ΔLnw, dB	33	33	33	33
Density, g/m <sup>3</sup>	2000/40+- 15**	2000/40+- 15**	2000/40+- 15**	2000/40+- 15**
Ecological Compliance	Asbestos-free, w/o CFC-HCFC	Asbestos-free, w/o CFC-HCFC	Asbestos-free, w/o CFC-HCFC	Asbestos-free, w/o CFC-HCFC
Oil and Benzine Resistance	resistant	resistant	resistant	resistant
Biological Stability	stable	stable	stable	stable
Odour	neutral	neutral	neutral	neutral
Flammability Class acc. to GOST 30244	G1 (lower smoke generation activity)	G1 (lower smoke generation activity)	G1 (lower smoke generation activity)	G1 (lower smoke generation activity)
Dimensions, mm	1000x2500x12	1000x2500x12	1000x2500x12	1000x2500x12
Fixing Method	Gluea	Self-adhesive	Glue	Self-adhesive

\*\* foam rubber heat-insulating layer

### APPLICATION

- private and industrial premises;
- household and industrial equipment;
- ventilating systems;
- building-and-construction industry;
- automobiles

### FEATURES

- multipurpose – combines soundproofing and heat-insulating properties, and provides vibration cushioning as well;
- flexural properties of the material allow to use it in hard-to-reach places and at different elevations including ventilation systems and other communications;
- easy to mount and cut;
- non-combustible, no flame spreads along its surface;
- generates no dust, fibers, and hazardous substances, possible to be used in any facilities;
- contains no lead, halogenated and fluorinated hydrocarbons;
- decrease reverberation of materials which the membranes conjugate to;
- moisture-resistant, suitable for premises with high moisture level.

### CERTIFICATES

Certificate of Conformity TU 22.19.73-21056832-2020.