

# STP

## STP SPL 04

### THE SOUND AND HEAT INSULATOR

- HIGH HEAT INSULATION PROPERTIES
- FOR METAL, PAINTED, PLASTIC AND OTHER SURFACES
- EASILY MOUNTED TO THE VERTICAL AND CURVED SURFACES
- RESISTANT TO WATER AND OIL
- VERY EASY TO APPLY (SELF ADHESIVE)



**3**  
SHEETS  
ROLLED  
700x1250mm  
750x1000mm  
self adhesive

FROM RUSSIAN MILITARY TECHNOLOGY  
**MADE IN RUSSIA**



# STP

## STP SPL 04



**STP SPL 04** – self-adhesive sound and heat insulating material. It is a combination of the polypropylene (PPE) with the multiplicity of foam 30 and 4 mm thickness with an adhesive mounting layer covered by the antisthesion layer. The material can be produced with an adhesive layer on both sides. There are also available common or non-flammable options of the material in sheets or the rolls. It has high heat insulation properties. Heat conductivity – 0,038 W/mK. The working temperature range is from 40°C below zero to 70°C above zero. The material can be mounted to the metal, painted, plastic and other surfaces (the type of the surface should be indicated in the application). It is easily mounted to the vertical and curved surfaces; it does not absorb water and is resistant to the environment.

Coefficient nomination	Specification	Testing method
Thickness, mm	4,0±0,5	GOST 427
Weight 1 m <sup>2</sup> , kg, not less	0,18	GOST 17073
Durability of connection between the material and the surface during peeling-off with 90° angle.		
- under the dynamic loading N/cm <sup>2</sup> , not less than	4	I 4.6 4.7 TS 2244
- under the static load, min., not less than	3	I 4.6 4.7 TS 2244
Durability of connection between the material and the surface during peeling-off with 90° angle.		
- under the dynamic loading N/cm <sup>2</sup> , not less than	6	I 4.8 4.9 TS 2244
- under the static load, min., not less than	10	I 4.8 4.9 TS 2244
Durability of the connection between the antisthesion covering and the adhesive layer during the peeling-off with the 180° angle, N/cm	0,01±0,3	GOST 17317
Resistance of the adhesive layer to the temperature of 70°C within 24 hours	The material should not be separated from the surface	I 4.12 TS 2244
Flammability (rate of combustion), mm/min, not more than	100 Should not inflame within 30 seconds under the fire of a burner	GOST 25076 (ISO 3795)

#### STORAGE INSTRUCTIONS:

The material must be stored in its packaging in a heated room at a higher temperature than 10°C above zero in a horizontal position at a minimum distance of 1 m from the heating appliances. The material in rolls must be stored in a vertical position, the packages of the sheet material in piles not higher than 2 m. It is recommended not to expose the material to direct sun and moisture.

#### USAGE RECOMMENDATIONS:

This material can be applied as a sealing and heat or sound insulation layer while installing parts in different vehicles, agricultural machinery and appliances, as well as for sealing and insulation of the windows and doors in building constructions.

#### PLACES OF USE:

Front board inside the passenger compartment, floor of the passenger compartment, wheel arches and tunnel.

Test made by independent laboratory



info@keyeurope.com +39 323 6952026

