

# STP

## STP AK10

### THE SOUND ABSORBING MATERIAL

- CELL-CLOSURE STRUCTURE
- SEALING AND SOUND ABSORBING MATERIAL
- RESISTANT TO WATER AND OIL



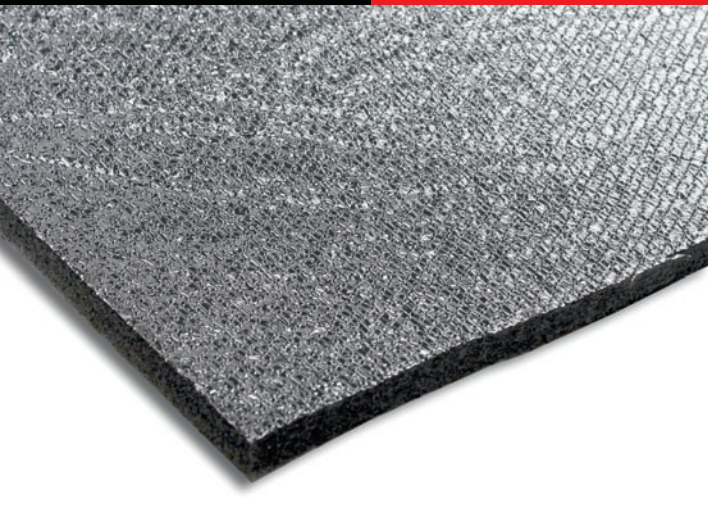
**2** SHEETS ROLLED  
750x1000 mm  
self adhesive

FROM RUSSIAN MILITARY TECHNOLOGY  
**MADE IN RUSSIA**



# STP

## STP AK10



**STP AK 10** – Self-adhesive grey elastic foamed polyethylene with the partial infringement of the cell-closure material structure.

The AK is a grey elastic foamed polyethylene with the partial infringement of the cell-closure structure with the adhesive mounting layer, covered by an antiadhesion film with logo STP printed on the surface in gold.

The working temperature range is as follows:

- without a mounting layer: from -70°C to +80°C

- with a mounting layer: from -30°C to +80°C

The material with the mounting layer can be installed on the metal, painted, plastic flat or rugged surfaces with 100 mm radius of curvature.

If it is necessary cuts can be done on the components.

The installation must be performed in a warm and dry room. Before the installation the material should be kept not less than 24 hours at the temperature 20±5°C with humidity 45-65 %.

### Coefficient nomination

### Specification

### Testing method

Thickness, mm	10	I 4.3 TS 5772
Durability of connection between the face covering and foamed polyethylene, N/cm, at least	1,5	GOST 17317
Durability of connection between the layers (for multilayer material), N/cm, at least	2,5	GOST 17317
Durability of connection between the material and bearing surface, N/cm, at least	4,0	I 4.5 TS 2244
Resistance to the cyclic temperature change from 30°C below zero to 80°C above zero	No breaking the material and its peeling off the bearing surface is allowed	I 4.12 TS 2244
Mounting layer resistance to the +80°C temperature impact for 24 hours	No peeling the material off the bearing surface is allowed	I 4.8 TS 2244
Flammability (rate of combustion) mm/min, not more than	Non-flammable, 100	GOST 25076
Fungus resistance, point	1-2	GOST 12.4.152
Frequency, Hz/Sound absorption factor, arbitrary unit, not less than		
200	0,06	GOST 16297
250	0,06	GOST 16297
315	0,06	GOST 16297
400	0,06	GOST 16297
500	0,07	GOST 16297
630	0,10	GOST 16297
800	0,15	GOST 16297
1000	0,20	GOST 16297
1250	0,30	GOST 16297
1600	0,35	GOST 16297
2000	0,40	GOST 16297
2500	0,50	GOST 16297
3150	0,70	GOST 16297
4000	0,65	GOST 16297
5000	0,50	GOST 16297
6300	0,50	GOST 16297

### STORAGE INSTRUCTIONS:

The material must be stored in its packaging in a heated room at the minimum temperature of 10°C above zero on a flat surface at a minimum distance of 1m from the heating appliances. It is recommended not exposing the material to direct sun and moisture.

### USAGE RECOMMENDATIONS:

This material is aimed at sealing and sound absorbing in different vehicles, agricultural machinery and engineering product.

### PLACES OF USE:

Front lid, doors, cowl panel and trunk.

Test made by independent laboratory

