

STP BLACK SILVER

STP BLACK SILVER is used as a vibration-damping coating in vehicles, agricultural machinery and other objects, which must meet particular requirements of effective sound and vibration reduction. The material is designed to be used at temperatures from -45 to 100°C; the material can survive short-time action of temperature up to 190°C.

The material is a construct, consisting of foil with embossment and printed logo, and an adhesive polymer layer protected with anti-adhesive paper. To improve anti-corrosion properties, the material contains corrosion inhibitive composition.

| Coefficient nomination | Specification | Testing method |
|---|----------------------|---------------------------|
| Thickness, mm | 1,8±0,2 | TD 5772-006-48214265-2001 |
| Weight of 1m ² , kg, max | 2,72-3,4 | GOST 17073-71 |
| Mechanical loss factor at temperature, not less | 0,25 | ISO 6721-3:1996 |
| Flammability, rate of combustion, mm/min, not more than | Non-flammable 100 | GOST 25076-81 |
| Material-to-metal surface bond strength when peeling off, N/cm, min | 5 | TD 5772-006-48214265-2001 |
| Anti-adhesive paper-to-adhesive polymer layer bond strength, N/cm | 0,5 | GOST 17317-88 |
| Material-to-metal surface bond strength when peeling off after impact of temperature cycling from -45°C to +70°C, N/cm, min | 4 | TD 5772-006-48214265-2001 |

Transportation and storage

Transportation

The material must be handled under the conditions eliminating moisture penetration. It is prohibited to drop or bend packages.

The 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.

It is prohibited to put any heavy metal and alike objects on packages.

Storage

The materials must be stored at temperature not higher than 40°C, horizontally, on a plane surface, not closer than 1m from heating appliances, under the conditions eliminating moisture and oil penetration and exposure to sunlight, in piles not higher than 1 m.

Exploitation and installation requirements

Exploitation

The material must be installed on dry clean painted metal surfaces, including complex surfaces. To clean the surface of dirt, it is recommended to use water with neutral abstergents, not containing organic solvents or alkali.

Upon dismantling, the material can't be reused.

Preparation for installation

In case the material is stored at temperature lower than 0°C, before use it must be kept at temperature (20±5)°C for minimum 24 h.

The working space temperature must be (18-30) °C.

The mounting surface must be cleaned of dust and dirt, unoiled with technical solvents and kept until completely dry.

Installation

Antiadhesive paper must be peeled off systematic, smoothly; the detail must be pressed to the surface, avoiding air blisters formation.

The material mustn't be installed on dirty, corroded metal surfaces.

True docket
Quality Control Department Specialist
LLC "Standartplast"

