



STP Aero

STP AERO (hereinafter – the material or the product) is the vibration-damping self-adhesive material used as a vibration-damping coating in vehicles, agricultural machinery, and other objects, which must comply with

the requirements for effective noise and vibration damping.

The exploitation temperature range for the material and details made of it, is from -45°C to +100°C; the material can survive short-time action of temperature up to +190°C.

The material is a multilayer construct, consisting of aluminium foil with embossment and printed logo and an adhesive polymer layer, protected with anti-adhesive paper.

Coefficient nomination	Specification	Testing method
Thickness, mm	2,3	GOST 17073-71
Weight of 1m ² , kg, max	3,5	GOST 17073-71
Mechanical loss factor at the frequency, not less at temperature 0°C	0,2	DIN EN ISO 6721-3:1996
Flammability ,rate of combustion, mm/min, not more than	Non-flammable 100	GOST 25076-81
Durability of connection between the material and a metal surface after the influence of the cyclic temperature changes from -45°C to +70°C, N/cm, not less than	4	TD 5772-006-4821465-2001
Durability of the adhesive covering connection with the sticky polymeric layer, N/cm	0,5	GOST-17317-88

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

Storage

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



Exploitation and installation requirements

Exploitation requirements

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

Upon dismantling, the material can't be reused.

Preparation for installation

In case the material is stored or transported at temperature lower than 0°C, before installation it must be kept at temperature (20±5) °C for not less than 24 h.

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

The mounting surface must be cleaned of dust and dirt, uncoiled 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 extract
Quality Control Department Specialist
LLC "Standartplast"