

# Mantle

If you would like to enjoy the peace and quiet in your car but you are worried about extra added weight - then this premium line of products is for you! We have created a new space age formulae of mastics that are 38% lighter than the typical mastic on the market. Additionally, we have tempered the aluminium foil on these products, further increasing the mechanical loss coefficient and significantly increasing its durability. We are certain that you will be pleasantly surprised by these - there are no equivalents on the market right now, not even close. Extremely lightweight and durable space age material designed for areas where extreme vibrations is not an issue



## MATERIAL DATA SHEET

Name of index	Value	Testing method
Material Thickness (mm, min)	2+-5%	GOST 17073-71
Foil (Outer) Thickness (µm)	120+-10%	GOST 17073-71
Mass per m <sup>2</sup> (kg, min)	2.1+-10%	GOST 17073-71
Mechanical Loss Factor on metal plate with thickness 1mm at temperature less than +20°C ( )	>0.35	DIN EN ISO 6721- 3:1994 (method-A)
Fire risk, burning rate (mm/min)	Non-flammable, <100	ISO 3795-76
Durability of connection between the material and the metal surface during flaking-off (N/cm)	>4	ISO 813:2010
Package Dimension (W*L*H) (cm)	28.5*52.0*6.5	
Package weight (kg,avg)	7.86 +-10%	
Package volume (m <sup>3</sup> ,avg)	0.0130 +-10%	

### COMPOSITION

Multi-layer material based on super light and efficient butyl-rubber composition.. 1. Self adhesive glue layer for installation, protected with antiadhesive paper 2. Our space age formula composite butyl polymer 3. Tempered aluminum foil

### APPLICATION

This material should installed on clean, dry surfaces, including on complex surfaces. (WARNING: Not to be installed on corroded metal surfaces!). First clean the surface from dirt, it is recommended to use water with neutral detergents, which do not contain organic solvents and alkali. After surface dries, degrease it with white spirit, gasoline or other solvents and allow dry completely. Peel off the anti-adhesive paper and thoroughly press against the surface, avoiding the formation of air bubbles between the surface and the material. Roll the material with a roller, pressing it through so that there is no air trapped between the material and the surface (use the "from the center to the edge" technique ). It is best to apply the material in working environments with temperatures between +18 and +35°C.

### STORAGE

Material should be stored inside at temperature not higher than +40°C in horizontal position on a flat surface at a distance not less than 1 m from any heating systems; avoid any wet conditions and contacts with oils and direct sun. Do not stack the materials more than 1.2m in height..

### PACKING TYPE / AREA

10sh 75x50 / 3.75 m<sup>2</sup>

