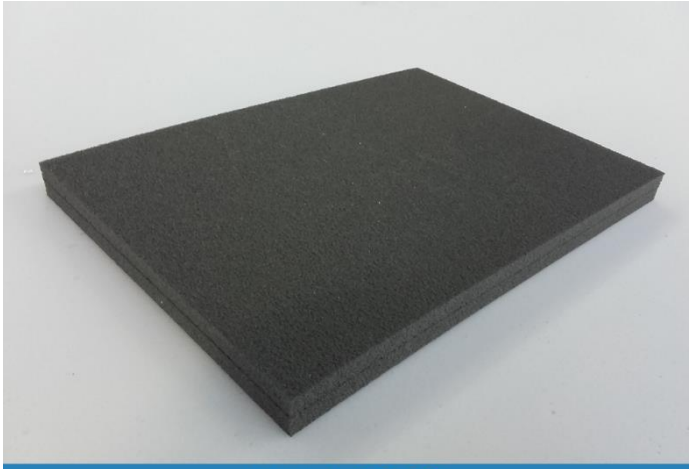
Maad

Technical data sheet



Maad PE 30

Density: 30 kg/m³

Thickness: 2 - 40mm

Application:
Sealing against water, air, dust, heat and sound.
Sealing windows and doors, facades, roofs and used in the expansion of the inner.

Characteristisc:
MAAD PE 30 – Polyethylene - it is closed cell polyethylene and therefore it is damp-proof. PE is an excellent insulator against heat. A strong structure of the material additionally stiffens the bus frame rib, which reduces the transmission of noise / vibration transmitted by the bodywork

Specification:
No sticky, self-adhesive, adhesive both sides
In rolls: width 6mm to 1000mm
Cutted formats, boards, strips
Pressed parts (together or individual)
Thickness: 2,3,4,5,6,8 and 10mm
Thickness: 12 to 40mm – combined layers

Properties:
FMVSS302 (Automotive), ECE-R Annex 6
Excellent physical properties.
The structure of cells: large, regular, closed
Soft, has a smooth surface.
Excellent thermoplastic properties, practicularly excellent characteristic in terms of forming.
Excellent properties of heat insulation
Very good damping steps sound
Minimal water absorption and very little permeability of water vapor
Good resistance to weather conditions
UV resistance
Resistant to many chemicals
Odorless, neutral to environment.
Supplied with flames protective layer (according to DIN 4102-B1 and B2, M1 (France), CSE/RF3 (Italy),
Waste disposal: recycling

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CERTIFIED ISO 9001:2008 COMPANY

Technical Data

Properties	Result	Test Method
Colour:	Gray (colour differences may act)	-
Tensile strenght:	282 kPa	ISO 1926
Elongation at break:	189%	ISO 1798
The hardness of material deformation:	10% 44 kPa 25% 62 kPa 50% 122 kPa	ISO 844
Compression set:	0,5 hours 12% 24 hours 4% 50% 0,5 hours 28% 50% 24 hours 16%	ISO 1856-C
Thermal conductivity:	10°C 0.038 W/mK 40°C 0.042 W/mK	ISO 2581
Temperature range:	-60 / +90°C	-
Water absorption (7 days):	<1.0 vol.%	-
Value µ (23°C, 0-85% relative humidity):	3200	ISO 1633
Hardness according Shore'a 0/00:	54	ASTM D2240
Fire features (from 10mm thickness):	<100mm/min	FMVSS 302 DIN 75200 ISO 3795 EG 95/28 aneks IV

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