

## MAAD RF BUS TECH



### Description

MAAD RF BUS TECH – Black closed-cell flexible elastomeric foam (FEF) CFC, HCFC free, Antimicrobial behavior. MAAD RF BUS TECH is thermal insulation of automotive application, air-conditioning services in buses, industrial and domestic applications. Especially suitable for automotive and civil applications where high safety standard exist in case of fire. CFC and HCFC-free flexible and expanded rubber foam. It does not damage the ozone layer (ODP zero) and does not contribute to the greenhouse effects (GWP zero). **MAAD RF BUS TECH has an approval certificate issued by Transport Technical Supervision TDT. The material is registered in an international database IMDS.**

### Application



### TECHNICAL PARAMETERS:

DENSITY	-	50 kg/m <sup>3</sup>
FIRE PERFORMANCE	ECE R 118 Annex 6, 7, 8	fulfills
	FMVSS 302	fulfills
	UL 94	UL Approved
OPERATING TEMPERATURE RANGE	UL 746 A	flame Class V-0 5VA
	EN 14706/EN 14707	-40 °C - +110 °C
THERMAL CONDUCTIVITY λ	EN 12667/EN ISO 8497	at 0°C
		at +40°C
		≤0.034 W/mK
		≤0.038 W/mK
WATER VAPOUR DIFFUSION RESISTANCE FACTOR (μ)	EN 13469/EN 12086	≥7000
WATER VAPOUR PERMEABILITY	BS4370:Part 2	0,07 ugm/Nh
WATER ABSORPTION	EN 13472/EN 1609	< 0,1 kg/m <sup>2</sup>
OZONE RESISTANCE	ISO 7326	excellent
UV RESISTANCE	UNI ISO 4892-2	good
ANTIMICROBIAL BEHAVIOUR	AATCC test method 30-2004, ASTM G21	meets test requirements
CORROSION RISK	EN 13468	meets test requirements

### STANDARD DIMENSIONS OF THE MATERIAL:

THICKNESS [mm]	DIMENSIONS OF THE SHEET * [mm]
3,0 – 100,0	2000 x 1000

There is a possibility of cutting to size in accordance with your specifications or drawing.

\*Other thicknesses / dimensions available on customer's request. There is the possibility to order the material in the roll. Effective dimensions guaranteed as ordered.

### OPTIONS\*\*\*:

Maad RF BUS TECH	without a self-adhesive layer
Maad RF BUS TECH, SK-M	with a self-adhesive with a mesh layer

\*\* Other composites available on customer's request.  
In the case of material with a self-adhesive layer, storage at a temperature of +15 to +30 °C

### ADDITIONAL TECHNICAL PARAMETERS:

#### Storage conditions/shelf life:

Store the material in a dry and clean environment at a temperature between 0 °C and 35 °C and a RH between 50% and 70%. Do not expose the material to heat or direct sunlight before installing. Tapes and self-adhesive sheets should not be kept in storage for more than one year.

For all adhesive materials it is important that the surface is clean, dry and free of grease, oil and solvents.

All specifications are mean values and are made to the best of one's knowledge, are however not binding and exclude any requirements of any kind regarding damages or failures to third-party property rights. Tests should be carried out by the buyer.