

EUROBATEX® DUCT ALU NET/DUCT TRIPLEX

TYPE OF MATERIAL:	DUCT ALU NET - Eurobatex Duct coupled with a netted aluminium foil protected by a polyethylene film. DUCT TRIPLEX - Eurobatex Duct coupled with a multi-layered coating of polyester, polyethylene and aluminium film
PRODUCT RANGE:	1500 mm wide self-adhesive sheets in rolls in thicknesses from 6 mm to 30 mm
FIELDS OF APPLICATION:	Thermal insulation for commercial and industrial applications involving cold and hot ducts, large pipes and vessels
DIMENSIONAL TOLERANCES:	In accordance with the European Standard EN 14304
ENVIRONMENTAL INFORMATION:	Flexible and expanded CFC and HCFC-free rubber foam. It does not damage the ozone layer (ODP zero) and does not contribute to the greenhouse effect (GWP zero)
ADDITIONAL INFORMATION:	Self-adhesive material: acrylate based adhesive coating reinforced with mesh structure. Protection liner made of polyolefin foil. Traces of silicon can be found on the foil protecting the self-adhesive coating
STORAGE CONDITIONS/SHELF LIFE:	Store the material in a dry and clean environments 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 when stored. Products should not be kept in storage for more than one year

PHYSICAL PROPERTIES	RESULT OBTAINED		TEST METHOD
OPERATING TEMPERATURE RANGE*	-45 °C +110 °C		EN 14706
THERMAL CONDUCTIVITY	At a mean temperature of 0 °C	$\lambda \leq 0,033 \text{ W/m-K}$	EN 12667
	At a mean temperature of +40 °C	$\lambda \leq 0,037 \text{ W/m-K}$	
WATER VAPOUR DIFFUSION RESISTANCE FACTOR	$\mu \geq 10000$		EN 12086
FIRE PERFORMANCE	European Standard Euroclass	E	EN 13501-1
CORROSION RISK	Meets test requirements		EN 13468

CHARACTERISTIC OF THE ALU NET COATING

PHYSICAL PROPERTIES	REFERENCE VALUES
COLOUR	Aluminium
WEIGHT	≈ 90 g/m ²
THICKNESS	≈ 18 μm

CHARACTERISTIC OF THE TRIPLEX COATING

PHYSICAL PROPERTIES	REFERENCE VALUES
COLOUR	Aluminium
WEIGHT	≈ 125 g/m ²
THICKNESS	≈ 100 μm

*NB: for application at lower temperatures please contact our technical department.
For self-adhesive sheets, the maximum operating temperature is +90 °C.

EUROBATEX DUCT ALU NET- System 3  in accordance with the European Standard EN 14304.

EUROBATEX DUCT TRIPLEX - System 3  in accordance with the European Standard EN 14304.

All the normatives quoted in this document are updated to the latest issued version.
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