

MIRELON® Protékt

MIRELON® Protékt is a sleeve insulating hose from polyethylen foam with closed cell structure laminated on the outside by LDPE foil and on the inside by HDPE foil. It is used to insulate water distribution systems and as protection and expansion when passing through a wall or floor.

MISAPPLICATION:

- **Thermal insulation of low and high pressure steam distribution systems**
- **Outdoor installation without surface protection against weathering and UV radiation**
- **Installation in places where the ambient temperature exceeds 90°C**

Properties

- prevents moisture penetration into the masonry
- high mechanical resistance
- excellent sliding properties make it easier to thread on the pipe
- easy handling and installation
- chemical resistance
- harmless to health and the environment

Technical data

- surface lamination with blue LDPE foil
- inner wall laminated with HDPE foil
- length: 10 m
- wall thickness: 3 mm
- inner diameter: 18 až 50 mm
- heat resistance: -40 až +90 °C

MIRELON® Protékt – Physical properties

parameter	symbol	unit	value	test method, protocol
Wall thickness	-	mm	3 mm	
Heat resistance		°C	-65 - +90	
Water vapor diffusion resistance number	μ	-	2247	ČSN EN ISO 12572
Coefficient of thermal conductivity [10°C]	λ	W/m.K	0,046	ISO 8302
Density	-	kg/m ³	25 ± 5	ČSN EN ISO 845
Water absorption	-	kg/m ²	Max. 0,05	ČSN EN 13472
Combustibility	-	-	F	ČSN EN 13501-1
Resistance	Against moisture, acids, alkalis, petroleum substances, etc.			

