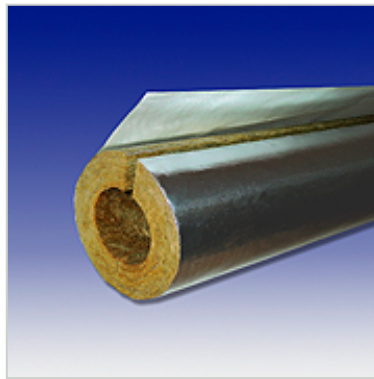


PAROC Pro Section 100 G7



Short Description Stone wool pipe section with a white glass fibre cloth with aluminum facing.

Application Fire and thermal insulation for pipes and ducts on ships.

The notified body Eurofins Expert Services Ltd. (0809) performed and issued the certificates: Type-Examination (Module B) certificate No. VTT-C-6624-15-11

Nominal Density 100 kg/m³

Maximum service temperature for PAROC Pro Section 100 G7 is 250°C. Surface temperature of the facing must not exceed 80°C (temperature restriction determined in accordance with heat resistance adhesive). PAROC stone wool products are capable of withstanding high temperatures. The binder starts to evaporate when its temperature exceeds approximately 200°C. The insulating properties remain unchanged, but the compressive stress weakens. The softening temperature of stone wool products is over 1000°C.

Dimensions

Dimensions		
Thickness	Inner Diameter	Pipe Section Length
20 - 100 mm	12 - 273 mm	1200 mm
In accordance with EN 13467	In accordance with EN 13467	In accordance with EN 13467

Other Dimensions Other dimensions available on request.

Packaging

Package Type Plastic packs on pallet

Fire Properties

Other Fire Properties		
Property	Value	According to
Fire Classification (IMO)	Non-combustible	IMO FTP Code Part 1
Surface Flammability (IMO)	Low flame-spread characteristics	IMO FTP Code Part 2 and 5
Combustibility	Base product non-combustible	EN ISO 1182

Thermal Properties

Thermal Resistance		
Property	Value	According to
Thermal Conductivity in 10 °C, λ_{10}	0.034 W/mK	
Thermal Conductivity in 100 °C, λ_{100}	0.042 W/mK	
Thermal Conductivity in 200 °C, λ_{200}	0.059 W/mK	

Thermal Conductivity (values announced by manufacturer)		
Property	Value	According to
Thermal Conductivity in 50 °C, λ_{50}	0,040 W/mK	
Thermal Conductivity in 100 °C, λ_{100}	0,046 W/mK	
Thermal Conductivity in 200 °C, λ_{200}	0,064 W/mK	
Thermal Conductivity in 300 °C, λ_{300}	0,092 W/mK	

Values announced by the manufacturer.

Moisture Properties

Water Permeability		
Property	Value	According to
Water Absorption, Short Term WS, W_p	$\leq 1 \text{ kg/m}^2$	EN 13472

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