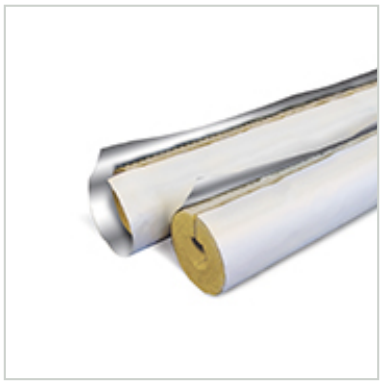
PAROC Pro Section 100 G4



Short Description	Stone wool pipe section with a white glass fiber cloth with aluminum foil below.
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 G4 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

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Thermal Properties

Thermal Conductivity (values announced by manufacturer)		
Property	**Value**	**According to**
Thermal Conductivity in 50 °C, λ_{50}	0,039 W/mK	EN ISO 8497
Thermal Conductivity in 100 °C, λ_{100}	0,045 W/mK	EN ISO 8497
Thermal Conductivity in 200 °C, λ_{200}	0,064 W/mK	EN ISO 8497
Thermal Conductivity in 300 °C, λ_{300}	0,092 W/mK	EN ISO 8497

Values announced by the manufacturer.

Moisture Properties

Water Permeability		
Property	**Value**	**According to**
Water Absorption, Short Term WS, W_p	≤ 1 kg/m²	EN 13472

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