

Last Modified: 8.6.2010

# PAROC Section G4



## Short Description

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

## Application

Fire and thermal insulation on ships.

## Application / Marine

Fire and thermal insulation for pipes and ducts.

## Technical Properties

### Maximum Operating Temperature

250 °C

The surface temperature of the facing must not exceed +80°C (temperature restriction determined in accordance with the heat resistance of 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

### Thickness

20-100 mm

### Pipe Section Length

1200/1000 mm

### Inner Diameter

12-324 mm

### Other Dimensions

Other dimensions subject to enquiry.

## Fire Properties

### Combustibility

Base product non-combustible

### Marine Fire Classification

Non-combustible

### Surface Flammability (Marine)

Surface flammability

### In accordance with

EN ISO 1182

### In accordance with

IMO FTPC Code Part 1

### In accordance with

IMO FTPC Code Part 5

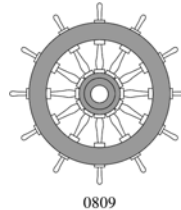
## Thermal Properties

**Thermal Conductivity in 10 °C,  $\lambda_{10}$**  0.034 W/mK

**Thermal Conductivity in 100 °C,  $\lambda_{100}$**  0.042 W/mK

**Thermal Conductivity in 200 °C,  $\lambda_{200}$**  0.059 W/mK

Values announced by the manufacturer.



Tolerances according to SFS 5454.

## Packaging

Pallet



**PAROC OY AB**, P.O. Box 47 (Läkkisepäntie 23), FI-00621 Helsinki Finland, Tel. +358 46 876 8000, Fax +358 46 876 8002, [www.paroc.com](http://www.paroc.com)

The information in this data sheet represents the sole and comprehensive description of the condition of the product and its technical properties. However, the content of this data sheet does not mean granting a commercial guarantee. In so far as the product is used in an area of use which is not provided for in this data sheet, we cannot warrant its suitability for said area of use unless the suitability was expressly confirmed by us upon request. This data sheet replaces all previous ones. As a result of constant further development of our products we reserve the right to make alterations to data sheets. PAROC and red and white stripes are registered trade marks of Paroc Oy Ab. © Paroc Group 2010