



PAROC PRO SECTION WR 100, PAROC PRO SECTION WR 140

Extremely water repellent stone wool pipe sections.

Thermal insulation of high temperature pipework in process industry applications.

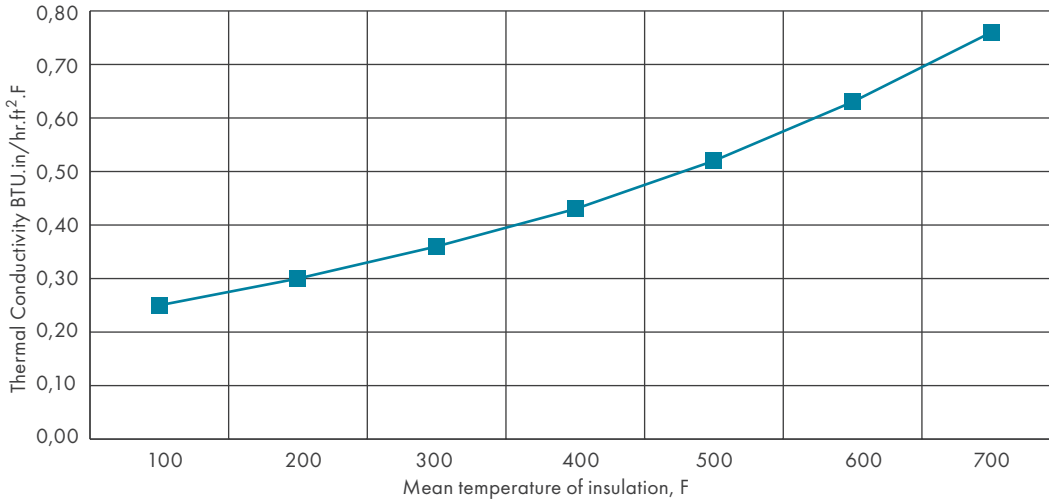
COMPLIANCE AND PERFORMANCE		
ASTM C 547	STANDARD SPECIFICATION FOR MINERAL FIBRE PERFORMED PIPE INSULATION	TYPE V
ASTM E 84	Surface Burning Characteristics	Flame Spread index 0 Smoke Development Index < 10
ASTM C 411	Hot Surface Performance	In Compliance with ASTM C 547 1400°F (760°C)
ASTM C 447	Maximum Use Temperature	In Compliance with ASTM C 547 1400°F (760°C)
ASTM C 302	Nominal density	10 lb/ft ³ (PAROC Pro Section 140) 8 lb/ft ³ (PAROC Pro Section 100)
ASTM C 795	Stainless Steel Stress Corrosion Specification as per Test Method C 871 U.S. Nuclear Regulatory Commission, Reg. Guide 1.36	Conforms
ASTM C 356	Linear Shrinkage	< 1,30 % @ 1200°F (650°C)
ASTM C 585	Inner & Outer Diameters for Nominal Pipe Sizes	In Compliance with ASTM C 547
ASTM C 1335	LOI and Shot Content	LOI < 2,6 %, Shot content < 14,0 %
ASTM C 1104	Water vapor sorption	< 0,2 % by weight
ASTM C 335	Thermal conductivity curves in W/mK and in Btu.in./h.ft ² , F	According to the table and curve below

DIMENSIONS		
INNER DIAMETER	THICKNESS	LENGTH
½ - 36 inch	1 - 6 inch	1,2 meters
ASTM C 585	ASTM C 585	

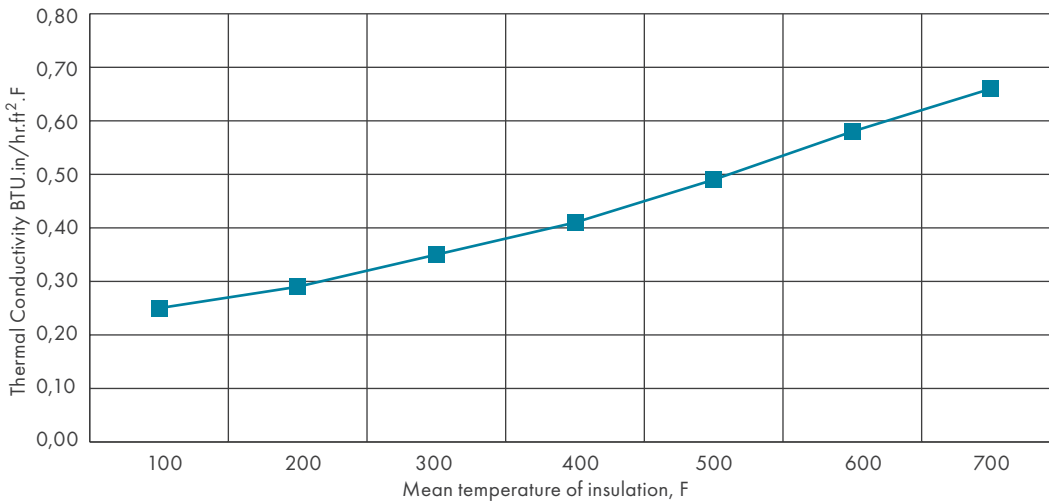
OTHER FIRE PROPERTIES		
DESCRIPTION	VALUE	IN ACCORDANCE WITH
Fire Classification (IMO)	Non-combustible	IMO FTP Code Part 1

PAROC stone wool products are capable of withstanding high temperatures. The binder starts to outgas when its temperature exceeds approximately 400 F. The insulating properties remain unchanged, but the compressive stress weakens. The melting temperature of stone wool products is over 1800 F.

THERMAL CONDUCTIVITY OF PAROC PRO SECTION WR 100



THERMAL CONDUCTIVITY OF PAROC PRO SECTION WR 140



The information in this data sheet describes the conditions and technical properties of the disclosed products, valid at the time of publication of this document and until replaced by the next printed or digital version. The latest version of this data sheet is always available on the Paroc website. Our information material presents applications for which the functions and technical properties of our products have been approved. However, the information does not mean a commercial guarantee. We do not assume liability of the use of third party components used in the application or the installation of our products. We cannot warrant the suitability of our products if used in an area or conditions which are not provided in our information material. As a result of constant further development of our products we reserve the right to make alterations to our information material at any time. PAROC is a registered trademark of Paroc Group.

Note: As Paroc Group Oy has no control over installation design and workmanship, accessory materials or application conditions, Paroc Group Oy does not warranty the performance or results of any installation containing PAROC products. Paroc Group Oy's overall liability and the remedies available are limited by the general terms and conditions of sale. This warranty is in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose.

This data sheet is valid in following countries: The United States

June 2015
 © Paroc Group
 1007TIUS0615

PAROC OY AB
 Technical Insulation
 Energiakuja 3, P.O. Box 240,
 FI-00181 Helsinki, Finland

A MEMBER OF PAROC GROUP