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.

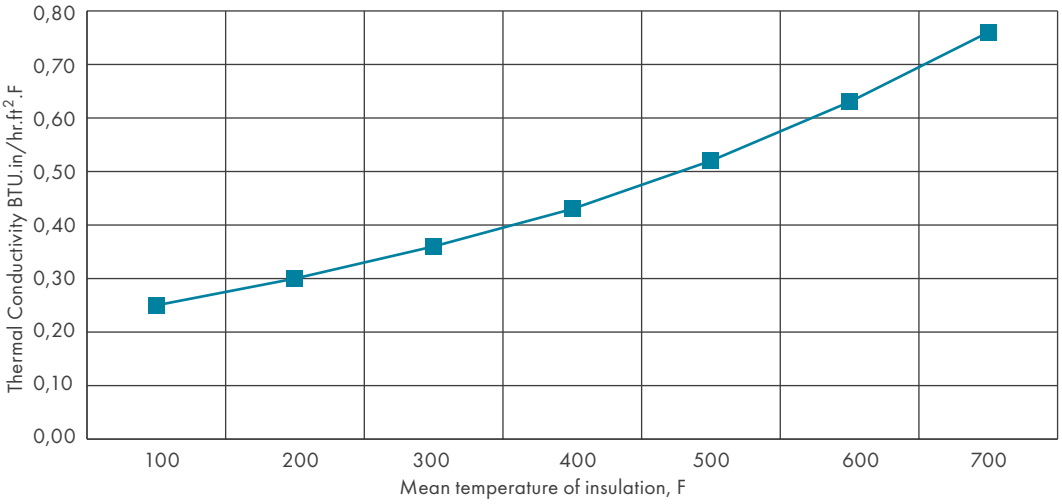
COMPLIANCE AND PERFORMANCE		
ASTM C 547	**STANDARD SPECIFICATION FOR MINERAL FIBRE PERFORMED PIPE INSULATION**	**TYPE V**
ASTM E 84	Surface Burning Characteristics	Flame Spread index 0 Smoke Development Index < 10
ASTM C 411	Hot Surface Performance	In Compliance with ASTM C 547 1400°F (760°C)
ASTM C 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	

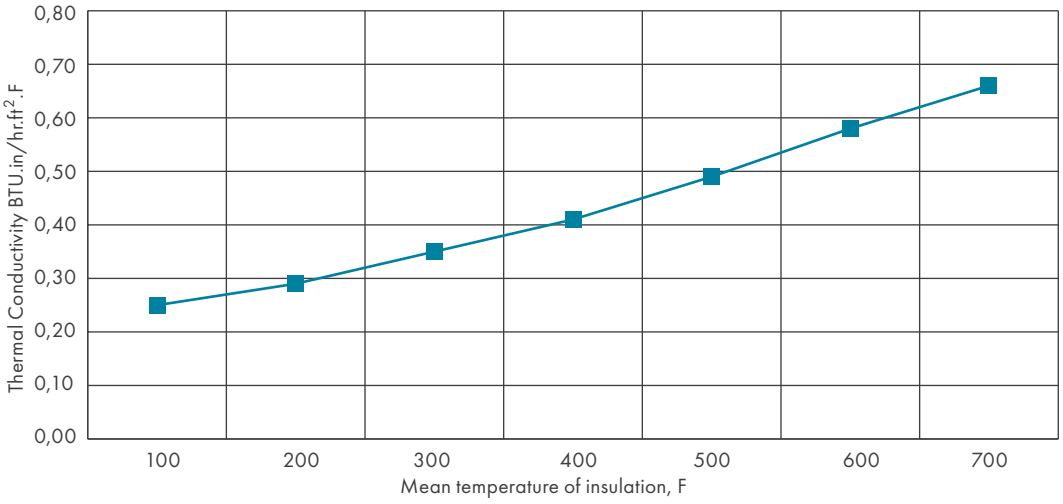
OTHER FIRE PROPERTIES		
DESCRIPTION	**VALUE**	**IN ACCORDANCE WITH**
Fire Classification (IMO)	Non-combustible	IMO FTP Code Part 1

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



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

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