

ProRox® PS 970

with WR-Tech

ProRox PS 970 is a mandrel wound pipe section. The insulation sections are made out of stone wool and are produced with an innovative water repellent binder called WR-Tech to mitigate the risk of corrosion under insulation. A reinforced aluminum foil facing is available upon request.



Application

The highly durable insulation sections are supplied split and hinged for easy snap-on assembly and are especially suitable for thermal and acoustic insulation of high temperature industrial pipe work which is subjected to mechanical loads.

Product properties in accordance with EN 14303



Properties	Performance								Norms
Thermal conductivity at mean temperature	T_m (°C)	50	100	150	200	250	300	350	EN ISO 8497
	λ (W/mK)	0,040	0,046	0,053	0,062	0,073	0,085	0,099	
Maximum Service Temperature	680°C								EN 14707
Melting point	>1000°C								DIN 4102-17
Reaction to fire	Euroclass A1 _L								EN 13501-1
	Non-Combustible								IMO 2010 FTPC
Nominal density (*)	140 kg/m ³								EN 13470
Corrosion resistance	Trace quantity of water leachable chloride ions: ≤ 10 ppm								EN 13468
Water absorption	≤ 0,2 kg/m ²								EN 13472
	≤ 0,2 kg/m ² (After 24 hrs. pre-heating at 250°C)								
Water vapour diffusion resistance	$\mu = 1$								EN 14303
Influence on coating systems	Free from substances (e.g. silicone oil) that might impair surface wetting								VW 3.10.7
EN 14303 Designation code	MW EN 14303-T9(T8 if Do <150)-ST(+)/680-WS1-CL10								EN 14303

(*) ProRox insulation fully complies with EN 14303. Density is not an insulation property in itself, it only reflects the actual weight of the product per cubic meter.

Compliance

- ProRox PS 970 Pipe Sections fully comply with the requirements as set by internationally recognized standards like EN 14303, CINI 2.2.03, VDI 2055, ASTM C795, ASTM C547: Grade A for Type I, II, IV.
 - Above product properties reflect only to European (EN) standards. Compliance and Performance according to ASTM standards can be found on our website. Please contact our sales representatives for an extended list of approvals & certifications.
 - Validity of CE Marking is restricted to the European production facilities.
- + Noise reduction data available in accordance to ISO 15665.

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