

ProRox® PS 960

with WR-Tech

ProRox PS 960 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 IS 9842

	Performance							Standard
	T _m (°C)	50	100	150	200	250	300	
Thermal conductivity at mean temperature	λ (W/mK)	0.041	0.046	0.053	0.063	0.075	0.087	IS 3346
Nominal density		100 - 125 kg/m ³						IS 3144
Max service temperature		650°C						ASTM C411 / C447
Heat resistance		No visible deterioration of fibrous structure. No evidence of self heating. No fusion of fibres at 650°C						IS 3144
Incombustibility		< 5 wt%						IS 3144
Reaction to fire		EuroClass A1 Surface burning characteristic; Flame spread = Passed, Smoke development = Passed						EN 13501-1 ASTM E84
pH		7-10						IS 3144
Sulphur content		< 0.3 vol%						IS 3144
Chloride content		Less than 10 ppm Conforms to the stainless steel corrosion specification as per ASTM C795						IS 3144 ASTM C692 / C871
Moisture absorption		Less than 1 wt%						IS 3144
Shot content		>250µm < 8 wt% >500µm < 3 wt%						IS 3144

Compliance

- ProRox PS 960 Pipe Sections fully comply with the requirements as set by internationally recognized standards like ASTM C547: Grade A for Type I, II, IV, EN 14303, CINI 2.2.03, VDI 2055, ASTM C795 and IS 9842.
- Above product properties reflect only to IS standards. Compliance and Performance according to ASTM can be found on our website. Please contact our sales representatives for an extended list of approvals & certifications.

As ROCKWOOL has no control over insulation design and workmanship, accessory materials or applications conditions, ROCKWOOL does not warranty the performance or result of any installation containing ROCKWOOL products. ROCKWOOL's overall liability and the remedies available are limited by the general terms and conditions of sale. This warranty in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose. ROCKWOOL Technical Insulation reserves the right to make necessary product changes at any time. Technical specifications are thus stated subject to change.



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PRODUCT DATA SHEET
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