

SeaRox® PS 968^{NA}

SeaRox® PS 968^{NA} is a pre-formed mandrel wound mineral wool (stone wool) pipe section. The highly durable sections are supplied split and hinged for easy snap-on assembly, and are especially suitable for thermal and acoustic insulation of high temperature pipe work subject to mechanical loads in marine installations.



Product properties in accordance with ASTM C547

Properties	Performance								Norms
Thermal conductivity	T_m (°F)	100	200	300	400	500	600	700	ASTM C335
	λ (BTU.in/hr.ft ² .°F)	0.25	0.28	0.34	0.39	0.45	0.53	0.63	
	T_m (°C)	38	93	149	204	260	316	371	
	λ (W/mK)	0.036	0.040	0.049	0.056	0.065	0.076	0.091	
Maximum Service Temperature	Hot Surface Performance: 1200°F - (650°C)								ASTM C411
	Sag Resistance: ≤ 2 % at 1200°F - (650°C)								ASTM C411
	Maximum Use Temperature: 1200°F - (650°C)								ASTM C447
	Linear Shrinkage: ≤ 1 % at 1200°F - (650°C)								ASTM C356
Reaction to fire	Surface burning characteristics Flame spread index = 0 ; Smoke development index = 0								ASTM E84 (UL 723)
Density	8.0 lb/ft ³ - (128 kg/m ³)								
Corrosion resistance**	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel = Passed Corrosion of Steel = Passed								ASTM C692 ASTM C665
Chemical Analysis**	(Salts: Cl ⁻ , F ⁻ , Na ⁺ , SiO ₄ ⁴⁻) Results fall within acceptability limits of ASTM C795								ASTM C795 / ASTM C871
Water Absorption/ Vapor Sorption	< 1 % Weight								ASTM C1104
Compliance	Complies with: Grade A Type I, II, IV								ASTM C547
	Inner & Outer Diameters for Nominal Pipe Sizes complies with:								ASTM C585
ROCKWOOL Technical Insulation offers a wide range of facings, dimensions and thicknesses. Please contact us for further information.									

** Provisions for lot testing may be required, consult manufacturer.

Approval Type	US Coast Guard Certificate of Approval	Transport Canada Certificate of Approval	Lloyds Register Certificate of Approval
Non-Combustibility	164.109/27/0	LRTC 000062	SAS F150086

Surface Burning Characteristics: UL Listed to Canadian standard CAN/ULC S102 ; UL Classified to UL 723



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