

SeaRox® PS 968^{NA}

**NEW
NAME**

Old name: ROXUL TECHTON® 1200 Marine

Product description & application

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

	Performance								Norms
Thermal conductivity	T _m [°F]	100	200	300	400	500	600	700	ASTM C177
	λ [BTU.in/hr.ft².°F]	0.25	0.28	0.34	0.39	0.45	0.53	0.63	
	T _m [°C]	38	93	149	204	280	316	371	
	λ [W/mK]	0.035	0.039	0.048	0.055	0.063	0.074	0.088	
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)
Nominal density	8.0 lb/ft³ - (128 kg/m³)								
Corrosion resistance **	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel = Passed								ASTM C692
	Corrosion of Steel = Passed								ASTM C665
Chemical Analysis **	[Salts: Cl⁻, F⁻, Na⁺, SiO₄⁴⁻] 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
	ROXUL offers a wide range of dimensions and thicknesses. Please contact ROXUL for further information.								
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 10-60003		SAS F090282				

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

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