

# ProRox® MA 960<sup>NA</sup>

## ENERWRAP® MA 960<sup>NA</sup>

ProRox® MA 960<sup>NA</sup> is a rolled and faced mineral wool (stone wool) insulation wrap/mat designed for high temperature industrial applications where flexibility is required. Product is ideal for large diameter piping, vessels, ducts and equipment subject to light mechanical loads.



### Product properties in accordance with ASTM C553

Properties	Performance								Norms
Thermal conductivity	$T_m$ (°F)	100	200	300	400	500	600	700	ASTM C177
	$\lambda$ (BTU.in/hr.ft <sup>2</sup> .°F)	0.25	0.30	0.34	0.40	0.48	0.58	0.68	
	$T_m$ (°C)	38	93	150	204	260	316	371	
	$\lambda$ (W/mK)	0.036	0.043	0.049	0.058	0.069	0.084	0.098	
Maximum Service Temperature	Hot Surface Performance: 1200°F- (650°C) Non-Combustible								ASTM C411 ASTM E136 / CAN4 S114
	Linear Shrinkage: $\leq 2\%$ at 1200°F- (650°C)								ASTM C356
	Surface burning characteristics Flame spread index = 0 ; Smoke development index = 0								ASTM E84 (UL 723) CAN/ULC S102
Reaction to fire									
Density	Actual Density = 5.68 lb/ft <sup>3</sup> - (91 kg/m <sup>3</sup> ) Nominal Density = 8.0 lb/ft <sup>3</sup>								ASTM 167
Corrosion resistance**	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel = Passed Corrosion of Steel = Passed								ASTM C692 ASTM C665
Chemical Analysis**	(Salts: Cl <sup>-</sup> , F <sup>-</sup> , Na <sup>+</sup> , SiO <sub>4</sub> <sup>4-</sup> ) Results fall within acceptability limits of ASTM C795								ASTM C795 (C871)
Thermal Resistance	R-Value / inch @ 75°F RSI value / 25.4mm @ 24°C				4.2 hr. ft <sup>2</sup> .°F/BTU 0.74 m <sup>2</sup> K/W				ASTM C518 (C177)
Water Absorption/ Vapor Sorption	< 1 % Weight								ASTM C1104
Compliance	Complies with Type: VII								ASTM C553
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.

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



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