

ENERWRAP® MA 960^{NA}



Old name: ENERWRAP® 80

Product description & application

ENERWRAP® MA 960^{NA} 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

	Performance								Norms
Thermal conductivity	T _m [°F]	100	200	300	400	500	600	700	ASTM C177
	λ [BTU.in/hr.ft².°F]	0.25	0.30	0.34	0.40	0.48	0.58	0.68	
	T _m [°C]	38	93	150	204	260	316	371	
	λ [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)								ASTM C411
	Non-Combustible								ASTM E136 / CAN4 S114
	Linear Shrinkage: ≤ 2 % 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) CAN/ULC S102
Density	Actual Density = 5.68 lb/ft³ - (91 kg/m³) Nominal Density = 8.0 lb/ft³								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 ⁻ , F ⁻ , Na ⁺ , SiO ₄ ⁴⁻) 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.ft².°F/BTU 0.74 m² K/W				ASTM C518 (C177)
Water Absorption/ Vapor Sorption	< 1 % Weight								ASTM C1104
Compliance	Complies with Type: VII								ASTM C553
ROXUL offers a wide range of facings, dimensions and thicknesses. Please contact ROXUL for further information.									

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



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