

ProRox® MA 960^{NA}

ENERWRAP® MA 960^{NA}

ProRox® 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

| Properties | 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) Non-Combustible | | | | | | | | ASTM C411 ASTM E136 / CAN4 S114 |
| | Linear Shrinkage: ≤ 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/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 |
| 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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