



Heat Exchanger Housings

MetaLine® Series 700 – Coatings for the conservation of heat exchangers

MetaLine® 784 Nuclear Grade 3024 is a coating material for long-term sealing of heat exchanger housings in nuclear power plants. It bonds very well to copper aluminum alloys, steel, neoprene, ebonite and epoxy materials.

The elastic film properties compensate various coefficients of thermal expansion and guarantee a permanent seal and corrosion protection at element joints.

Applications

- salt-water heat exchanger
- fresh-water heat exchanger
- inlet and outlet piping



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Reference

- good resistance to low-level nuclear radioactivity and decontaminable
- compensates for different thermal expansion coefficients in the substrate
- pressure resistant up to a maximum of 70 bar (1,015 psi) under hydraulic load

