



*Specialists in
Safety
Identification
Products*

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TECHNICAL SPECIFICATIONS NON-SLIP TAPE

COEFFICIENT OF FRICTION:

- Static Coefficient of Friction on wet surface: 1.06
- Static Coefficient of Friction on dry surface: 1.24
- Coefficient of friction tests run per specification Mil-D 17915C (ships) using rubber test vehicle. Higher numbers indicate better coefficient of friction ASTM D882-02.

GENERAL PROPERTIES:

- Aluminum Oxide 60-grit
- Flexure: Bends over sharp 90 degree angles without fracture; after application to substrate, resists repeated bending without cracking or failure of bond.
- Temperature Limits: Has a useful temperature range of 28° F to 104° F. However, limited exposure to temperatures above 220° F will not harm the product.
- Steam Cleaning: Applied product will tolerate steam cleaning.
- Detergent Cleaning: Applied product will tolerate detergent cleaning.
- Environmental Resistance: Product is essentially unaffected by climatic exposure and mild acid or alkali exposure under normal conditions.
- Shelf Life: Two years minimum with dry area with good ventilation.
- Acrylic Adhesive
- 24 hrs Adhesion to Steel: 1.5 kgf/inch
- Elongation to break: 4.0 kgf/inch
- Tensile: 6.0 kgf/inch

IMMERSION TEST DATA:

- Detergent or Tap Water: Properly installed, product can be used for over 168 hours of submersion. In continuously wet or submersed use, seal all exposed edges with our Edge Sealing compound.
- Chlorine (swimming pool) Water: Properly installed, product can be used for over 912 hours of total submersion in 0.6 to 6.0 PPM chlorine residual swimming pool water. For longer product use under these conditions, use our Edge Sealing compound on all exposed edges.
- Diesel Fuel Oil: Product can be used under conditions of diesel fuel oil spillage or splash-on. In addition, product can be submerged in diesel fuel oil for over 96 hours without failure of product or bond. To increase product life under these conditions, seal all exposed edges with Edge Sealing compound.
- Gasoline: Product can be used under conditions of intermittent gasoline spillage or splash-on. Can be used up to 6 hours submersed in gasoline, or for over 48 hours in gasoline submersion by sealing all edges with Edge Sealing compound.
- Brake Fluid: Properly installed, product can be used under conditions of intermittent brake fluid spillage or splash-on. Product will resist up to 10 hours of brake fluid submersion. For longest product life, wipe off brake fluid spillage and use Edge Sealing compound.
- Motor Oil: Product can be used under conditions of motor oil spillage or splash-on. In addition, product will tolerate over 30 hours of submersion in motor oil.

PRODUCT CONFORMANCE TO SPECIFICATIONS:

- Product meets or exceeds the following specifications: Mil-D-17951C (ships), Motor Vehicle Safety Standard No. 302, Walkway Matting, Nonslip Mil-W-5044C, Type IV.