



# Safety Track® 3820

Issue Date: 11/1/2015 Version 1.1

## DESCRIPTION

Jessup Gray Safety Track® Military Grade 3820 peel-and-stick has been tested and approved to meet and exceed MIL-PRF-24667C Type XI. The extra large 36 grit particles provide additional slip resistance for marine and harsh environments. NAVSEA Approval #05S/2014-162.

## APPLICATION

Jessup Gray Safety Track® Military Grade 3820 is engineered to perform in extreme outdoor environments that require durability and extra traction. It has been successfully tested and used for Military/Marine applications. Other applications include farm implement and heavy construction equipment, scissor lifts and many others.

## PROPERTIES

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	PSTC - 133 - Substrate - Pressure Sensitive adhesive - Release Liner	0.045 inch (1.15 mm) 0.003 inch (0.075 mm) 0.006 inch (0.152 mm)
Peel Adhesion to:  - Stainless Steel  - Powder coated surfaces *  - Polyethylene	PSTC – 101  15 minute dwell 24 hour dwell  15 minute dwell 24 hour dwell  15 minute dwell 24 hour dwell	  170 oz/in (185 N/100 mm) 200 oz/in (220 N/100 mm)  60 oz/in (66 N/100 mm) 75 oz/in (82 N/100 mm)  48 oz/in (53 N/100 mm) 55 oz/in (60 N/100 mm)
Shear Adhesion to:  - Stainless Steel	PSTC – 107  1/2” x 1/2” x 1000g	  24 hours
Tack	PSTC - 6 Rolling Ball Tack	< 6 inches

\* Color and lot variances of coated surfaces including paints, powder coatings, lacquers, stains, and other treatments may vary the performance of the tape and should be evaluated for the compatibility of the tape to the specific surface.

**PROPERTIES**

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Coefficient of Friction (Kinetic)	ASTM D1894 Dry Rubber Wet Rubber Dry Leather Wet Leather	1.1 1.0 0.8 1.2
Service Temperature High	14 days at 150°F	No visible effects
Low	14 days at -20°F	No visible effects
CHEMICAL PROPERTIES	REAGENT	RECOMMENDATION
<u>Solvent Resistance</u> (Product laminated to stainless steel panel and allowed to condition for 24 hours at room temperature before testing. Sample was covered with reagent to the point that edges of product are also exposed to the reagent. The product is exposed to reagent for one hour at room temperature, then reagent is removed and product is immediately tested for scrape resistances, delaminating, and other visual effects.)	Water 10% Salt Water Bleach Trichloroethylene 25% Sulfuric Acid 1% Sodium Hydroxide Unleaded Gasoline Diesel Fuel Hydraulic Fluid 50% Antifreeze in water MEK Mineral Spirits 99% IPA	Recommended Recommended Recommended Not Recommended Intermittent Contact Only Intermittent Contact Only Intermittent Contact Only Intermittent Contact Only Recommended Recommended Not Recommended Recommended Recommended

**Note:** While the data contained herein is believed to be reliable averages of the product's properties, the data should not be used for specification purposes. Jessup Manufacturing cannot guarantee colors due to the variation in ink lots, manufacturing processes, etc. Sample colors may also vary as the samples may be shipped from different bundles or lots. Customers who desire specific performance data should contact Jessup Manufacturing Company for further recommendations.

**WARRANTY**

The determination of the suitability of this product for any specific use is solely the responsibility of the user. No representations, guarantees or warranties of any kind are made to the accuracy or suitability of information in this document to any specific applications.