

PRODUCT INFORMATION GUIDE

Application(s):	<p>Our Premium grade anti-slip grit tape offers our highest standards of longevity, chemical and water resistance, and wear resistance. This product has been double sealed with a 2-part epoxy resin that ensure durability, coupled with an acrylic adhesive system that does not require edge sealing to resist attack from water and chemicals. Surface sealer may be recommended for some difficult applications. Anti-slip grit tape products are a fast, easy way to reduce slip and fall accidents in the workplace. Tape will adhere to any clean dry surface including metal, wood and concrete. Surface is constructed of a aluminum oxide grit compound securely bonded to a vinyl substrate with an aggressive acrylic adhesive. Tape is available in black, clear, yellow, gray, yellow/black striped, red/white striped, blue, red, green. Premium anti-slip product offers excellent water & solvent resistance and an embedded grit technology that will ensure extended wear, even in high traffic areas. Tape is intended for both indoor and outdoor applications, and is water-proof under normal applications. Not intended for submerged applications.</p>
Adhesive:	Acrylic Solvent Adhesive
Carrier:	Vinyl (4 mil) with Aluminum Oxide Grit Material (60-Grit)
Total Thickness:	0.025" (0.635mm)
Liner:	Paper Liner With 1" Square Grit Pattern (6.8 mil)
Tape Application:	Surface must be clean and free from water, dust, dirt, oil, wax, silicone. Surface sealer is recommended for porous surfaces such as concrete and wood.
Outdoor Durability:	3 - 5 years in horizontal exposure, depending on total annual UV of region.
Certification:	National Flooring Safety Institute NOSY 101-A Certification As "High-Traction"
Surface Preperation:	<p>Concrete: Clean with Trisodium Phospate (TSP) rinse thoroughly and allow to dry. Apply contact adhesive (ie DAP Weldwood) and allow to dry, then apply tape.</p> <p>Wood: Clean with Trisodium Phospate (TSP) allow to dry then seal surface with contact adhesive (ie: DAP Weldwood). Allow adhesive to dry then apply tape</p> <p>Metal: Clean surface with isopropyl alcohol (not Rubbing Alcohol) allow to dry, then</p>
Adhesion:	Adhesive bonding strength of this tape will continue to increase throughout the first 30 days after application, with good initial tack after 24 - 36 hours.
Cleaning Tape:	Clean tape surface with a mild soap and light broom, rinse with fresh water.
Shelf Life:	One year from date of purchase when stored at 70 ⁰ F, 50% relative humidity.
Static Friction ASTM D1894-06	0.937 Dry Leather 1.15 Wet Rubber
Kinetic Friction ASTM D1894-06	0.893 Dry Leather 1.15 Wet Rubber

Property:	Test Method:	Measurement:
PVC Film		
Thickness	PSTC-33	0.15mm (4 mils)
Tensile Strength MD	ASTM-D638	4.2 Kg/15mm (15.4 lbs/inch)
Tensile Strength CD	ASTM-D638	3.1 Kg/15mm (11.4 lbs/inch)
Elongation	ASTM-D638	200% +/- 25%
Acrylic Adhesive		
Dry Coat Weight	PSTC-33	44.4 g/m ²
Coating Thickness	PSTC-33	0.06mm (0.0023")
Residual Solvent		> 0.5%
Tack	PSTC-6	20 cm (8 inch)
Shear Resistance	PSTC-7	24 hours (1" x 1" @ 1 Kg)
180 Peel Adhesion	PSTC-1	2.5 Kg/25mm (5 lb/inch)
Operational Temp.		(-25 ^o C to 60 ^o C) -14 ^o F to 140 ^o F
Min Application Temp.		10 ^o C (50 ^o F)
Release Liner		
Thickness	PSTC-33	0.17mm (6.8 mils)
Basis Weight	TAPPI T410	120 g/m ²
Tensile Strength MD	ASTM-D638	7.7 Kg/25mm
Tensile Strength CD	ASTM-D638	4.7 Kg/25mm
Elongation	ASTM-D638	> 3%
Chemical Resistance		
5% HCl (Adhesion)	PSTC-55	388 gf
5% HCl (Shear)	PSTC-50	15 min (1" x 1" @ 1 Kg)
5% CH ₃ COOH (Adh)	PSTC-55	421 gf
5% CH ₃ COOH (Shear)	PSTC-50	15 min (1" x 1" @ 1 Kg)
Anti-Freeze	Dip Test	No Effect
Motor Oil	Dip Test	No Effect
Hydraulic Fluid	Dip Test	No Effect
Diesel Fuel	Dip Test	Slight Softening Of Substrate
Isopropyl Alcohol 70%	Dip Test	No Effect
Windshield Washer	Dip Test	No Effect
Gasoline	Dip Test	Slight Softening Of Substrate
Sodium Hypochlorite 5%	Dip Test	No Effect
Water (H ₂ O)	Dip Test	No Effect
Anti-Freeze	24 Hour Immersion	No Effect
Motor Oil	24 Hour Immersion	No Effect
Hydraulic Fluid	24 Hour Immersion	No Effect
Diesel Fuel	24 Hour Immersion	Moderate Softening of Substrate and Adhesive
Isopropyl Alcohol 70%	24 Hour Immersion	No Effect
Windshield Washer	24 Hour Immersion	Moderate Softening of Substrate and Adhesive
Gasoline	24 Hour Immersion	Product Failure
Sodium Hypochlorite 5%	24 Hour Immersion	No Effect
Water (H ₂ O)	24 Hour Immersion	No Effect
Water (H ₂ O)	28 Day Immersion	No Effect (Not Intended For Underwater Application)
Pool Water (Chlorine)	28 Day Immersion	No Effect

