

FLEX-TRED 7

PRODUCT INFORMATION GUIDE

DESCRIPTION:

- * Flex-Tred 7 anti-slip safety tape manufactured by Wooster Products Inc., can be applied anywhere on any clean, dry, smooth, lubrication free surface where safety is required. It reduces the possibility of an accident by falling or slipping.
- * Flex-Tred 7 is formulated of the highest quality raw materials available. Flex-Tred 7 anti-slip safety tape consists of a uniform closed coat of near diamond hard abrasive grit of variable sizes, securely bonded to a polymer substrate with a flexible polymeric binder in sufficient thickness to achieve optimum bond and grit exposure.
- * The flexible polymeric binder is bonded to a durable flexible plastic substrate (film).
- * The Flex-Tred 7 is formulated with different types of abrasive grits, polymeric binders and flexible substrates for specific application requirements.
- * The underside is having a uniform application of a permanent type acrylic emulsion-based pressure sensitive adhesive with high bonding features that is protected by a heavy weight (96 lb.) polycoated (2 sides) and silicon coated (one side) brown Kraft release paper (Release Liner).
- * Unique Flex-Tred 7 construction utilizing flexible polymeric materials and high quality abrasives provides outstanding slip resistance, appearance, flexibility and durability.
- * Flex-Tred 7 meets or exceeds MIL-D-17951E (ships), Motor Vehicle Safety Standard No. 302 (Passenger Vehicles) and MIL-W-5044C (aircraft).
- * Flex-Tred 7 shall be non-combustible as tested under Federal Test Standard No.501a, Method 6411.
- * Colors should extend uniformly throughout the top surface.

PROPERTIES

- * **Flexure** - Flex-Tred7 bends over sharp 90° angles without fracture.
- * **Application** - Substrate Temperature Must be above 50° F.
- * **Temperature Limits** - Applied Flex-Tred7 has a useful temperature range of - 40° F to 220° F. However, limited exposure to temperatures above 220° F will not harm the product.
- * **Environmental Resistance** - Flex-Tred7 is essentially unaffected by climatic exposure and mild acid or alkali exposure under normal conditions.
- * **Shelf Life** - One year from the date of purchase.
- * **Resistance** - Motor Oil
Detergent
Hydraulic Oil
UV Resistance

PEEL ADHESION

WPI TEST RESULTS		SPECIFICATION REQUIREMENTS
Coating Weight	2.5 ± 0.5 Mil	
Peel Adhesion	6.5 - 7.5 lbs./in. Width (180° Peel, typical 22 ± 1°C on stainless steel)	MIL-D-17951E(SH): Adhesive Strength 0.75 lbs. (Minimum) MIL-W-5044C: Adhesion lb./in. Width Type IV - 3 lbs. (Minimum)
Maximum Adhesive Strength to Build Up	over 48 - 72 Hrs.	

COEFFICIENT OF FRICTION (SLIDING)

WPI TEST RESULTS				SPECIFICATION REQUIREMENTS			
	Dry	Wet	Oily	<u>MIL-D-17951E(SH)</u>			
				Dry	Wet	Oily	
Leather	1.08	1.23	0.92	Leather	0.40	0.40	-----
Rubber	1.23	1.23	1.08	Rubber	0.50	0.60	0.30
				<u>MIL-W-5044C (TYPE IV)</u>			

				Leather	0.60	1.00	0.60
				Rubber	0.80	0.80	0.60

Thickness (Flat Black Coarse)

Total Product: 55 Mils ± 8%

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