

Technical Data

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Description :

The product consists of abrasive particles bonded by a tough, durable polymer to aluminium foil. The reverse side is coated with a rubber based pressure sensitive adhesive, covered by a removable protective liner. The product is designed to stretch and conform to irregular surfaces such as diamond tread plate, screw heads, ladder rungs etc....

Product Positioning :

Primarily for use on dimpled or patterned surfaces in industrial, food service or commercial areas. The product is suitable for application in dry, wet or oily environments where conventional General Purpose anti-slip surfacing material cannot be recommended.

Product Advantages :

- Highly flexible and conformable
- Can be bent
- Durable
- Resistant to chemicals
- Easy to apply

Colour and reference :

- Black Ref 510

Product Requirements :

Property Test method	Value		
Colour :	Black		
Applied thickness ① : • MIL D-17951 Ships	0.9 mm		
Applied weight ① : • MIL D-17951 Ships	885 g/m ²		
Resistance to U.V. :	good		
Flammability : • ASTM E 648-95a Average critical radiant flux (W/cm ²) : NFPA requirements for class I : • FAR 25853, Appendix F, part 1 - Section (a)(1)(ii) : - Section (a)(2)(ii) :	1.02 Exceeds Passes Passes		
Smoke Density (Dm corrected) : • ASTM E662-95 (NFPA 258) - Flaming - Non-Flaming	8 9		
Minimum application temperature :	4 °C / 40 °F		
Minimum service temperature :	minus 40 °C minus 40 °F		
Maximum service temperature :	79 °C / 175°C		
Static coefficient of friction : • MIL-D-17951E Ships	Specif.		
Surface	Condition	Value	Mini
Rubber	Dry	1.38	0.60
	Wet	1.25	0.60
	Oily	1.28	0.60
Leather	Dry	1.04	0.60
	Wet	1.46	0.60
	Oily	N/A	-

Dynamic coefficient of friction :		Value	Mini
• MIL-D-17951E Ships			
Surface	Condition	Value	Mini
Rubber	Dry	1.04	0.50
	Wet	0.94	0.60
	Oily	0.95	0.30
Leather	Dry	0.72	0.40
	Wet	1.14	0.40
	Oily	N/A	-
Slip resistance :			
• DIN 51130 (ZH1/571)			
- friction (oily) :			R13
- friction on diamond tread plate (oily) :			
■ with Safety-Walk			R12
■ Without			R10

① Typical average values

Standard Sizes :

Treads :

152 mm x 610 mm (6" x 60')

Rolls :

51 mm x 18.3 m (2" x 60')
 102 mm x 18.3 m (4" x 60')
 152 mm x 18.3 m (6" x 60')
 305 mm x 18.3 m (12" x 60')
 610 mm x 18.3 m (24" x 60')

