

Technical Data

TD 470 BC – Issue 7 - Date : January 2004

Supersedes: March 2003

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Description:

The product consists of abrasive particles embedded into a tough polymer backing. The reverse side is coated with a rubber based pressure sensitive adhesive, covered by a removable protective liner. The product provides a durable, slip resistant surface for a large variety of applications.

Product Positioning:

Primarily for use as a durable, slip resistant surface for dry, wet, oily floors in industrial and commercial applications with intensive pedestrian or light vehicle traffic such as: corridors, production and storage rooms, ramps, stairways, ladders, footplates on machines, emergency exits, etc ...

Product Advantages:

- Safe, slip resistant surface
- Strong and very durable
- Resistant to chemicals
- Easy to install
- Excellent bond to most dry, clean, smooth surfaces

• Standard Sizes and Colors:

- Treads:

Ref 620 only: 19 mm x 610 mm (3/4" x 24") Ref 620 and 640 : 152 mm x 610 mm (6" x 24") - Rolls : (length : 18,3 lineal meters)

Width	<i>Ref</i> 620	Ref 630	<i>Ref</i> 640	<i>Ref</i> 660
(mm)	620	630	640	660
19	X	X		X
25	X	X	X	X
51	X	X	X	X
102	X		X	
152	X			
305	X		X	

Custom sizes:

Available upon request (minimum order quantities may apply).

Product requirements:

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Property	Value	
Test method		
Applied thickness *:		
• MIL D-17951 E (SH)	0.9 mm	
Applied weight *:		
• MIL D-17951 E (SH)	735 g/sqm	
Flammability		
• ASTM E 648-95a		
Average critical radi-		
ant flux (W/cm ²):	1.02	
NFPA 101:	Class 1	
GSA classification:	Class A	
• FAA 25855-F-1	exceeds	
• FAA 25853-F-1	exceeds	
• DIN 4102 –14 (DIN		
5510-2)	SF 3	
• MIL-STD-1623	Passes	
Smoke Density (Dm		
corrected):		
• ASTM E 662-95		
(NFPA 258)		
Flaming	47	
Non-Flaming	47	
Minimum application		
temperature :	4°C / 40°F	
Minimum service tempe-	29°C minus	
rature :	20°F minus	
intuite.	201 11111143	

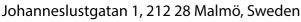
Maximum service tempe-	
rature :	65°C / 150° F

Static coefficient of friction: Specification: • MIL-D-17951 E (SH) Specification: Surface Condition Value Mini Rubber Dry 1.30 0.60 Wet 1.25 0.60 Oily 1.31 0.60 Leather Dry 1.05 0.60 Wet 1.48 0.60 Oily N/A N/A Dynamic coefficient of friction: Surface Condition Value Mini Rubber Dry 1.02 0.50 Wet 1.05 0.60 Oily 0.90 0.30 Uesther Dry 0.78 0.40 Wet 1.14 0.40 Oily N/A N/A Slip resistance: • DIN 51130 (BGR 181) - friction R = R 13 • volume (ml/dm²) V = Not applicable	_					
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Wet 1.25 0.60 Oily 1.31 0.60 Leather Dry 1.05 0.60 Wet 1.48 0.60 Oily N/A N/A Dynamic coefficient of friction : MIL-D-17951 E (SH) Surface Condition Value Mini Rubber Dry 1.02 0.50 Wet 1.05 0.60 Oily 0.90 0.30 Leather Dry 0.78 0.40 Wet 1.14 0.40 Oily N/A N/A Slip resistance : DIN 51130 (BGR 181) - friction R = R 13		 				
Oily 1.31 0.60 Leather Dry 1.05 0.60 Wet 1.48 0.60 Oily N/A N/A Dynamic coefficient of friction : ■ MIL-D-17951 E (SH) Surface Condition Value Mini Rubber Dry 1.02 0.50 Wet 1.05 0.60 Oily 0.90 0.30 Leather Dry 0.78 0.40 Wet 1.14 0.40 Oily N/A N/A Slip resistance : ■ DIN 51130 (BGR 181) - friction R = R 13	Rubber	Dry	l	0.60		
Leather Dry Wet Oily 1.05 0.60 Wet Oily N/A N/A Dynamic coefficient of friction:		Wet	1.25	0.60		
Wet 1.48 0.60 Oily N/A N/A Dynamic coefficient of friction : ■ MIL-D-17951 E (SH) Surface Condition Value Mini Rubber Dry 1.02 0.50 Wet 1.05 0.60 Oily 0.90 0.30 Leather Dry 0.78 0.40 Wet 1.14 0.40 Oily N/A N/A Slip resistance : ■ DIN 51130 (BGR 181) - friction R = R 13		Oily	1.31	0.60		
Oily N/A N/A	Leather	Dry	1.05	0.60		
Dynamic coefficient of friction : • MIL-D-17951 E (SH) Surface Condition Value Mini Rubber Dry 1.02 0.50 Wet 1.05 0.60 Oily 0.90 0.30 Leather Dry 0.78 0.40 Wet 1.14 0.40 Oily N/A N/A Slip resistance : • DIN 51130 (BGR 181) - friction R =		Wet	1.48	0.60		
friction : • MIL-D-17951 E (SH) Surface Condition Value Mini Rubber Dry 1.02 0.50 Wet 1.05 0.60 Oily 0.90 0.30 Leather Dry 0.78 0.40 Wet 1.14 0.40 Oily N/A N/A Slip resistance : • DIN 51130 (BGR 181) - friction R = R 13		Oily	N/A	N/A		
friction : • MIL-D-17951 E (SH) Surface Condition Value Mini Rubber Dry 1.02 0.50 Wet 1.05 0.60 Oily 0.90 0.30 Leather Dry 0.78 0.40 Wet 1.14 0.40 Oily N/A N/A Slip resistance : • DIN 51130 (BGR 181) - friction R = R 13	Dynamic coefficient of					
Surface Condition Value Mini Rubber Dry 1.02 0.50 Wet 1.05 0.60 Oily 0.90 0.30 Leather Dry 0.78 0.40 Wet 1.14 0.40 Oily N/A N/A Slip resistance : • DIN 51130 (BGR 181) - friction R =		00 0				
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Wet Oily 1.05 0.60 0.30 Leather Dry Wet Oily 0.78 0.40 0.40 0.40 0.40 N/A N/A Slip resistance : OIN 51130 (BGR 181) - friction R = R 13	Surface	Condition	Value	Mini		
Oily 0.90 0.30 Leather Dry 0.78 0.40 Wet 1.14 0.40 Oily N/A N/A Slip resistance : • DIN 51130 (BGR 181) - friction R = R 13	Rubber	Dry	1.02	0.50		
Leather Dry Wet Oily 0.78 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.4		Wet	1.05	0.60		
Wet 1.14 0.40 Oily N/A N/A Slip resistance : • DIN 51130 (BGR 181) - friction R = R 13		Oily	0.90	0.30		
Oily N/A N/A	Leather	Dry	0.78	0.40		
Slip resistance : DIN 51130 (BGR 181)		Wet	1.14	0.40		
• DIN 51130 (BGR 181) - friction R = R 13		Oily	N/A	N/A		
- friction R = R 13	,					
	• DIN 5113	• DIN 51130 (BGR 181)				
- volume $(ml/dm^2) V = Not applicable $	- friction	R 13				
volume (impain) v 110t applicable	- volume (n	Not applicable				

^{*} Typical average values

UV resistance:

GP yellow, green and brown have good UV resistance and can be used for outdoors applications.
GP clear has little resistance to UV action and its use is restricted to indoors applications only.



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