

# 580 Sorb Stance™



- Anti-fatigue matting designed for combined use with a sorbent with ramps on 4 sides are raised to form a holder tray around the mat.
- Ergonomic benefit of 21 mm thickness worker platform with raised studs on the backside to provide aeration and excellent cushioning comfort.
- Orange coloured borders included comply with OSHA Code 1910-144.
- Inside measurements: width 82 cm to suit most standard rolls of sorbents. Lengths are incremental by 152 cm.
- Customization possibilities with incremental lengths of 30 cm.
- Rough “gripper” surface prevents the sorbent from shifting.
- Mat can be furnished with a few drainage holes to allow evacuation of excessive oil spills.
- Made of high quality nitrile rubber compound, designed to withstand industrial oils and designed to yield a long service life..
- Heavy duty non-shifting mat.
- Free of silicone therefore safe for vehicle painting facilities.

# 580 Sorb Stance™

PRODUCT SPECIFICATIONS		
Designation	Industrial Matting	
Type	Combined sorbent / anti-fatigue	
Description	Rough « gripper » surface with raised studs on the backside	
Material	100% nitrile rubber compound	
Process	Compression moulding	
Category	Best	
Recommended use	Heavy duty – wet/oily industrial environments	
Colours	Black with Orange Bevels	
Weight	12 kg/m <sup>2</sup>	
Thickness	21 mm	
Standard sizes	91 cm x 163 cm, 91 cm x 316 cm, 91 cm x 468 cm	
Custom sizes	Incremental lengths of 30 cm	
Special remarks	Mat can be furnished with a few drainage holes to allow evacuation of excessive oil spills. Standard sizes are furnished with Heavy Duty, refills are available.	
PRODUCT TESTING		
Tests	Norms	Results
Compression deflection	U.S.	
	1.4 kg/cm <sup>2</sup>	
	2.8 kg/cm <sup>2</sup>	
Foam battery	ASTM D3574	35.7 lb/in <sup>2</sup>
Abrasion resistance	ASTM D3884-01	
	500 Cycles	
	1000 Cycles	1.4% weight loss
Static coefficient of friction	ASTM C1028-96	0.71
Elongation	ASTM D412	496.7 %
Breaking load	ASTM D412	117.2 lb
Graves tear strength	ASTM D 1004	
Hardness	ASTM D2240-02	65 Shore A
Anti-slip	DIN 51130 and BG-RULE BGR181	
MATERIAL ANALYSIS		
Compression Set @ 25%	ASTM D395	1.9 %
Compression deflection @ 25 %	ASTM D575	11.9 lb/in <sup>2</sup>
Compression deflection @ 50 %	ASTM D575	64.3 lb/in <sup>2</sup>
FIRE TESTING		
	Critical radiant flux	ASTM E-648
	Fire retardancy	DIN4102
		EN 13501-1
Flammability test	ASTM D2859	Pass
ESD	ANSI ESD S7.1 50% Humidity	
Sustainability	<ul style="list-style-type: none"> <li>• Recyclable material</li> <li>• Reach compliant (Registration, Evaluation, Authorization and Restriction of Chemicals)</li> </ul>	