

# 457 Skystep™ ESD



- Ergonomically engineered, the SkyStep™ utilizes the power of air. The mat is designed to suction to the ground to prevent the mat from shifting while trapping air in its chambers. These air pockets combined with the resiliency of the rubber create an ultimate cushioning effect while keeping the mat lightweight.
- Made of high quality 100% nitrile rubber, resistant to most industrial oils and for maximum durability and excellent standing comfort.
- The bubble surface provides a sure footing and optimal ergonomic effects in stationary standing positions.
- Moulded bevelled edges on all four sides to prevent tripping on the mat.
- Clean by sweeping or vacuuming.
- Designed to yield a long service life.
- Resistant to most chemicals and extreme temperatures.
- Free of silicone therefore safe for vehicle painting facilities.
- Meets IEC61340-4-1, measured resistance Rg 10<sup>6</sup> - 10<sup>9</sup> Ω, Rp 10<sup>6</sup> - 10<sup>9</sup> Ω.

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PRODUCT SPECIFICATIONS		
Designation	Industrial matting	
Type	Anti-fatigue / static dissipative	
Description	Standalone Rubber Mats	
Material	100% natural rubber compound - Not for use in contact with oils and animal fats.	
Process	Compression moulding	
Category	Better	
Recommended use	Medium duty – dry industrial environments	
Colours	Black	
Weight	10,5 kg/m <sup>2</sup>	
Thickness	13 mm	
Standard sizes	60 cm x 90 cm and 90 x 120 cm	
Custom sizes	N/A	
Special remarks		
PRODUCT TESTING		
Tests	Norms	Results
Foam battery	ASTM D3574	
Abrasion resistance	ASTM D3884-01	
	1000 Cycles	0.824
	5000 Cycles	
Static coefficient of friction	ASTM C1028-96	
Elongation	ASTM D412	210%
Breaking load	ASTM D412	4.80 Mpa
Graves tear strength	ASTM D 1004	10.5N/mm
Hardness	ASTM D2240-02	67 Shore A
Anti-slip	DIN 51130 and BG-RULE BGR181	R9
MATERIAL ANALYSIS		
Compression Set @ 25%	ASTM D395	
Compression Deflection @ 25%	ASTM D575	
Compression Deflection @ 50%	ASTM D575	
Standard method for rubber deterioration	ASTM D1171	
FIRE TESTING		
	Critical radiant flux	ASTM E-648
	Fire retardancy	DIN4102
		EN 13501-1
	Flammability test	ASTM D2859
		5 min.
ESD	ANSI ESD S7.1 50% Humidity	RG 1,7 x 10 <sup>7</sup> Ω
Sustainability	<ul style="list-style-type: none"> <li>• Recyclable material</li> <li>• Reach Compliant (Registration, Evaluation, Authorization and Restriction of Chemicals)</li> </ul>	