

# 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% natural rubber 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 kg/m <sup>2</sup>		
Thickness	13 mm		
Standard sizes	60 cm x 90 cm 90 cm x 120 cm 90 cm x 150 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>		