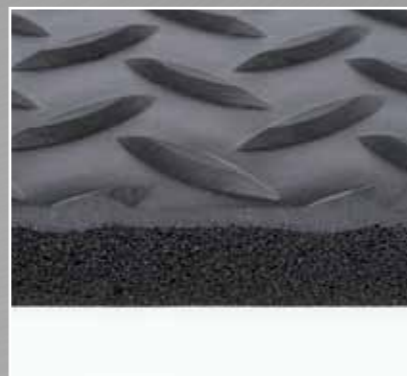


826 Diamond Stat™



- Static dissipative combination of tough top surface laminated on to a comfortable sponge base for maximum durability coupled with fatigue relief.
- Diamond deck plate surface provides traction and allows easy twist turns.
- RedStop™ technology, engineered to increase friction with smooth floor surfaces anchoring the mat in place.
- Electro Static Discharge (ESD) protective mat formulated to drain static electricity from workers thereby avoiding unpleasant static shock while safeguarding equipment.
- Equipped with 10 mm female socket attached to the mat and grounding cord.
- Uni-Fusion™ manufacturing technology.
- All 4 sides are bevelled to minimize tripping.
- Fire classification Cfl-s1, according to DIN EN13501-1.
- Meets IEC61340-4-1 (category DIF), measured resistance R_g $10^6 - 10^9 \Omega$, R_p $10^6 - 10^9 \Omega$.
- Electrostatic charge (walking test), meets ISO6356 and EN1815.
- Free of toxic DOP and DMF.



826 Diamond Stat™

PRODUCT SPECIFICATIONS			
Designation	ESD Protective Floor Mat		
Type	Anti-fatigue / anti-slip / static electricity drainage		
Description	Deck-plate top surface Static dissipative combination of tough top surface laminated on to a sponge base.		
Material	Double layer Uni-Fusion™ vinyl, treated with dissipative properties		
Process	Lamination		
Category	Best		
Recommended use	Industrial - Heavy duty environments - assembly line, work stations, CNC machine stations		
Colours	Black		
Weight	6.5 kg/m ²		
Thickness	14.3 mm		
Standard sizes	91 cm x 150 cm 91 cm x 300 cm 91 cm x 22.8 m		
Custom sizes	91 cm per linear meter		
Special remarks			
PRODUCT TESTING			
Tests		Norms	Results
Compression deflection		U.S.	
	1.4 kg/cm ²		
	2.8 kg/cm ²		
Foam battery		ASTM D3574	
Abrasion resistance		ASTM D3884-01	
	500 Cycles		
	5000 Cycles		
Static coefficient of friction		ASTM C1028-96	0.81
Elongation		ASTM D412	
Breaking load		ASTM D412	
Graves tear strength		ASTM D 1004	
Hardness		ASTM D2240-02	
Anti-slip		DIN 51130 and BG-RULE BGR181	
FIRE TESTING			
	Critical radiant flux	ASTM E-648	
	Fire retardancy	DIN4102	
		EN 13501-1	CFL - S1
	Flammability test	ASTM D2859	
ESD	ANSI ESD S7.1 50% Humidity		RG $2.3 \times 10^8 \Omega$ RP $4.9 \times 10^8 \Omega$
Sustainability	<ul style="list-style-type: none"> • Recyclable material • Reach Compliant (Registration, Evaluation, Authorization and Restriction of Chemicals) 		