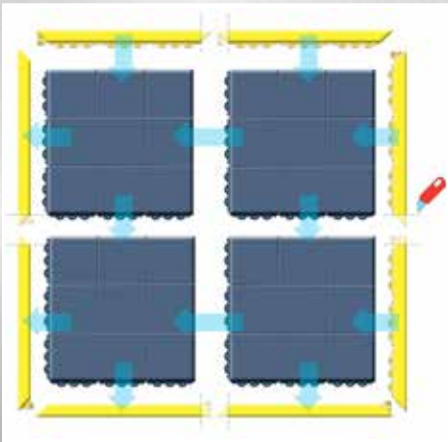


558 Cushion-Ease Solid™ ESD DIF



- This Notrax® Electro Static Discharge (ESD) protective mat is formulated to drain static electricity from workers thereby avoiding unpleasant static shock while safeguarding equipment.
- Static dissipative 100% natural rubber compound.
- Square interlocking mats allow on-site customization.
- Anti-fatigue properties owed to its unique design and resilient rubber compounds.
- Optional 10 mm female socket attached to the mat for connection with optional grounding cord.
- Slip resistant pebble surface, tested R9 according to DIN51130 and BG-rule BGR181.
- Meets IEC61340-4-1, measured resistance Rg 10⁶ - 10⁹ Ω, Rp 10⁶ - 10⁹ Ω.



558 Cushion Ease Solid™ ESD DIF

PRODUCT SPECIFICATIONS			
Designation		ESD Protective Products	
Type		Anti-fatigue / static dissipative	
Description		Modular system, with pebble anti-slip surface	
Material		100% natural rubber compound	
Process		Compression moulding	
Category		Best	
Recommended use		Heavy duty – dry industrial environments	
Colours		Black	
Weight		14.5 kg/m²	
Thickness		19 mm	
Standard sizes		91 cm x 91 cm	
Custom sizes		N/A	
Special remarks		Accessories: MD Ramp System™ male and female attachable bevels 91cm, black or yellow.	
PRODUCT TESTING			
Tests		Norms	Results
Foam battery		ASTM D3574	
Abrasion resistance		ASTM D3884-01	
	500 Cycles		
	5000 Cycles		2.2% weight loss
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	R9
MATERIAL ANALYSIS			
Compression Set @ 25%		ASTM D395	3.2%
Compression Deflection @ 25%		ASTM D575	35.1 lb/in²
Compression Deflection @ 50%		ASTM D575	98,8 lb/in²
Standard method for rubber deterioration		ASTM D1171	No cracking
FIRE TESTING			
	Critical radiant flux	ASTM E-648	0,73 Watts/cm²
	Fire retardancy	DIN4102	
		EN 13501-1	
	Flammability test	ASTM D2859	Pass
ESD		ANSI ESD S7.1 50% Humidity	RG 1,7 x 10 ⁷ Ω
Sustainability		• Recyclable material • Reach Compliant (Registration, Evaluation, Authorization and Restriction of Chemicals)	