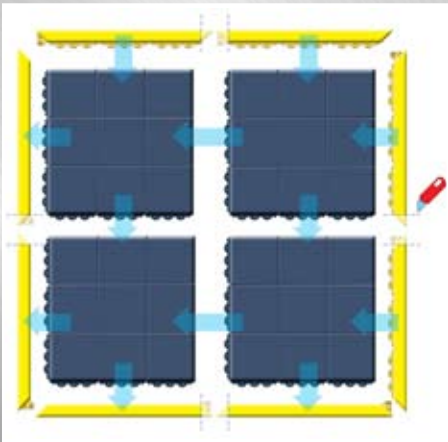


661S Niru® Cushion-Ease Solid™ ESD DIF FR



- 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% nitrile 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.
- Fire classification Bfl-S1 tested according to DIN EN 13501 and Class 1 according to ASTM E648-03 (NFPA253).
- 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.



661S Niru® Cushion Ease Solid™ ESD DIF FR

PRODUCT SPECIFICATIONS			
Designation	ESD Protective Products		
Type	Anti-fatigue / static dissipative		
Description	Modular system, with pebble anti-slip surface		
Material	100% nitrile 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	Bfl - S1
	Flammability test	ASTM D2859	Pass
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>	