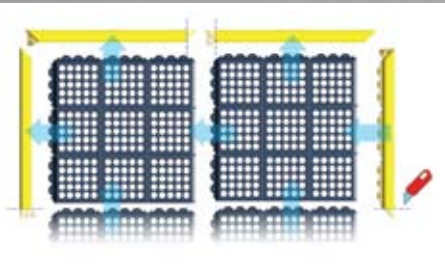


650SFR Niru® Cushion-Ease™ FR



- 100% nitrile rubber compound, oil proof and fire retardant, suitable for welding areas, with holes for excellent drainage and aeration leaving a dry, clean work area.
- This interlocking mat allows on-site customization. Square snap together units of 91x91 cm that can be assembled effortlessly and laid out from wall to wall or as islands in any direction or shape.
- Compatible with patented MD-Ramp System™ for smart safety bevelling solutions. Allow out and inside corners.
- Superb anti-fatigue properties due to its unique design underneath and high quality resilient rubber compounds.
- Designed to yield a long service life.
- Resistant to most chemicals and extreme temperatures.
- Free of silicone therefore safe for vehicle painting facilities.
- Fire classification Bfl-S1 according to DIN EN 13501 and Class 1 according to ASTM E648-03 (NFPA253).



650SFR Niru® Cushion-Ease™ FR

PRODUCT SPECIFICATIONS			
Designation	Industrial matting		
Type	Anti-fatigue		
Description	Modular system, open construction		
Material	100% nitrile rubber compound		
Process	Compression moulding		
Category	Best		
Recommended use	Heavy duty – wet/dry industrial environments - welding areas		
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 91 cm, black or yellow.		
PRODUCT TESTING			
Tests		Norms	Results
Compression deflection		U.S.	
	1.4 kg/cm²		
	2.8 kg/cm²		
Foam battery		ASTM D3574	
Abrasion resistance		ASTM D3884-01	
	500 Cycles		
	5000 Cycles		1.76% weight loss
Static coefficient of friction		ASTM C1028-96	0.83
Elongation		ASTM D412	146.7%
Breaking load		ASTM D412	
Graves tear strength		ASTM D 1004	
Hardness		ASTM D2240-02	55 Shore A
Anti-slip		DIN 51130 and BG-RULE BGR181	
MATERIAL ANALYSIS			
Compression Set @25%		ASTM D395	2.09%
Compression deflection @ 25%		ASTM D575	17.9 lb/in²
Compression deflection @ 50%		ASTM D575	63.6 lb/in²
Standard method for rubber deterioration		ASTM D1171	Rating 0 - no cracking
FIRE TESTING			
	Critical radiant flux	ASTM E-648	
	Fire retardancy	DIN4102	
		EN 13501-1	Bfl - S1
	Flammability test	ASTM D2859	
ESD		ANSI ESD S7.1 50% Humidity	
Sustainability		<ul style="list-style-type: none">Recyclable materialReach Compliant (Registration, Evaluation, Authorization and Restriction of Chemicals)	