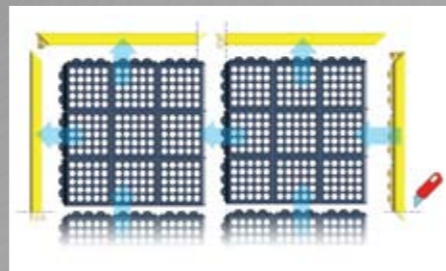


# 650SFR Niru® Cushion-Ease™ FR



- 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/m <sup>2</sup>	
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/cm <sup>2</sup>	
	2.8 kg/cm <sup>2</sup>	
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/in <sup>2</sup>
Compression deflection @ 50%	ASTM D575	63.6 lb/in <sup>2</sup>
Standard method for rubber deterioration	ASTM D1171	Rating 0 - no cracking
FIRE TESTING		
Critical radiant flux	ASTM E-648	
	DIN4102	
	EN 13501-1	Bfl - S1
Flammability test	ASTM D2859	
ESD	ANSI ESD S7.1 50% Humidity	
Sustainability	<ul style="list-style-type: none"> <li>• Recyclable material</li> <li>• Reach Compliant (Registration, Evaluation, Authorization and Restriction of Chemicals)</li> </ul>	