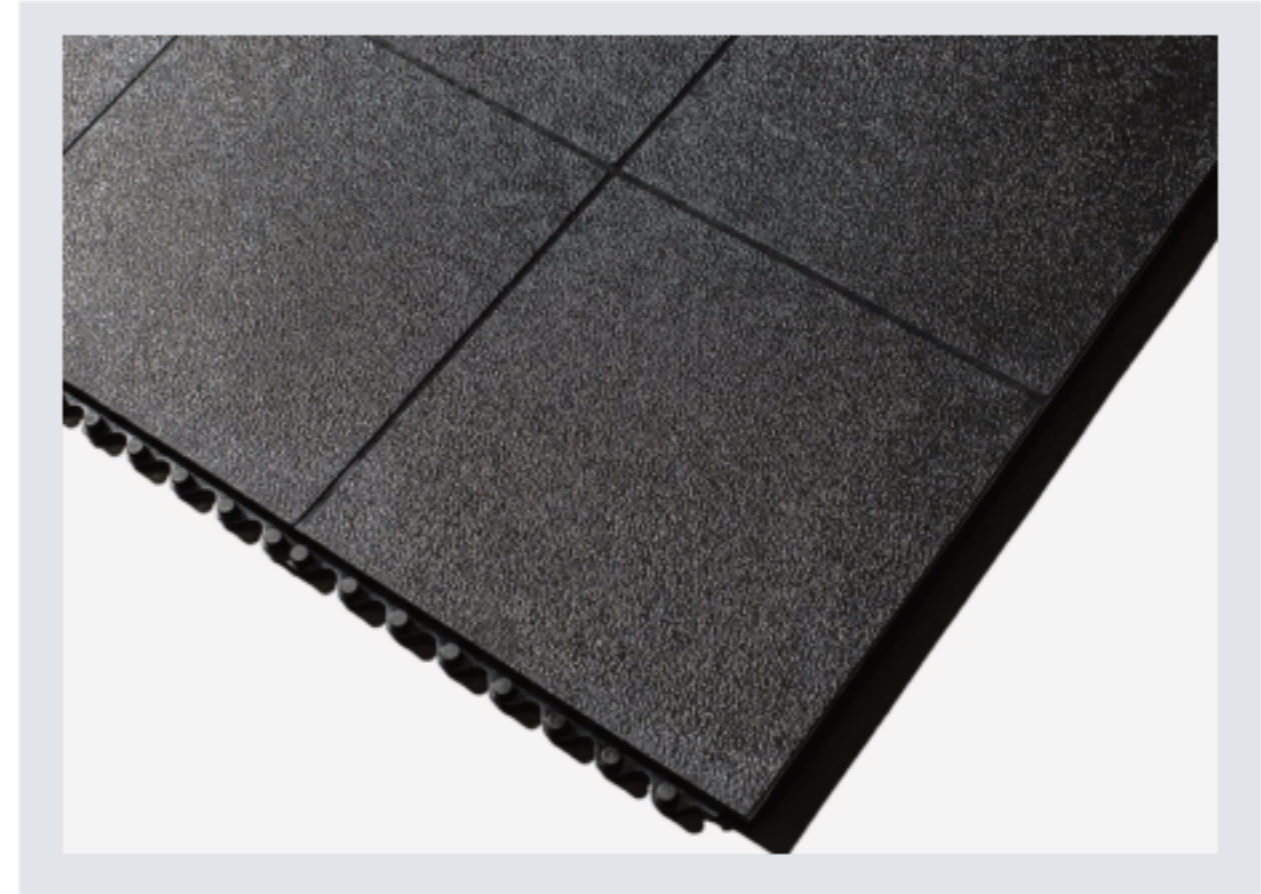


Connectable Rubber Cushion Matting Datasheet

Product Code: RC04136

Product Description

Our connectable rubber cushion matting is a highly versatile flooring solution that combines durability and safety in a single package. The flexible construction of our matting provides outstanding anti-fatigue properties without compromising on usability. This helps to ensure user safety and comfort while supporting a variety of trolleys and wheelchairs.



Technical Specification

Specifications	Values
Wear Resistance	Wear resistant surface to Level 3
Anti-Fatigue	Anti-fatigue protection to Level 3
Slip Resistance	Slip resistance Level 3
Chemical Resistance	Chemical resistant
Cut to Size	Mats can be cut to bespoke sizes
Dry Area	Suitable for use in dry areas
Heavy Areas	Suitable for use in heavy use areas
Oil Area	Suitable for use in oily and greasy areas
Welding Area	Suitable for use in welding areas
Wet Area	Suitable for use in wet areas

Key Features

- Durable Rubber Construction
- Quick & easy connection system
- Excellent anti-fatigue properties
- Anti-slip texture surface
- Flame retardant & ESD grades available
- Anti-trip edging available

Potential Applications

- Work stations
- Manufacturing plants
- Assembly lines
- Heavy equipment handling
- Electrical component handling
- Garage & works hops

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Standard Grade Compound Specification

Specifications	Test Method	Values
Hardness (Shore A)	ASTM D2240-02	67°
Elongation at Break	ASTM D412	165.7%
Abrasion Resistance	ASTM D3884-01	5000 Cycles 2.90g weight loss
Static Coefficient of Friction	ASTM C1028-96	0.68
Compression Deflection (@ 25%)	ASTM D575	33.3 lb/in ²
Compression Deflection (@ 50%)	ASTM D575	33.3 lb/in ²
Anti-Slip	DIN 51130 & BG-RULE BGR181	R9
Flammability Test	ASTM D2859	Pass

ESD Static Dissipative General Purpose Rubber Specification

Specifications	Test Method	Values
Hardness (Shore A)	ASTM D2240-02	67°
Elongation at Break	ASTM D412	165.7%
Abrasion Resistance	ASTM D3884-01	5000 Cycles 2.2% weight loss
Static Coefficient of Friction	ASTM C1028-96	0.81
Compression Set (@ 25%)	ASTM D395	3.2%
Compression Deflection (@ 25%)	ASTM D575	35.1 lb/in ²
Compression Deflection (@ 50%)	ASTM D575	98.8 lb/in ²
Anti-Slip	DIN 51130 & BG-RULE BGR181	R9
Standard Method for Rubber Deterioration	ASTM D1171	No Cracking
Critical Radiant Flux	ASTM E-648	0,73 Watts/cm ²
Flammability Test	ASTM D2859	Pass
ESD ANSI ESD S7.1 50% Humidity RG 1,7 x 10 ⁷ Ω		



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100% Nitrile Rubber Flame Retardant Compound Specification

Specifications	Test Method	Values
Hardness (Shore A)	ASTM D2240-02	50°
Elongation at Break	ASTM D412	451.8%
Abrasion Resistance	ASTM D3884-01	5000 Cycles 1.50% weight loss
Static Coefficient of Friction	ASTM C1028-96	0.88
Compression Deflection (@ 25%)	ASTM D575	37.0 lb/in ²
Compression Deflection (@ 50%)	ASTM D575	98.9 lb/in ²
Anti-Slip	DIN 51130 & BG-RULE BGR181	R9
Fire Retardancy	DIN 4102 EN 13501-1	Bfl - S1

100% Nitrile Rubber Flame Retardant Abrasive Coating Specification

Specifications	Test Method	Values
Hardness (Shore A)	ASTM D2240-02	70°
Elongation at Break	ASTM D412	435.1%
Abrasion Resistance	ASTM D3884-01	5000 Cycles 0.72% weight loss
Static Coefficient of Friction	ASTM C1028-96	0.89
Compression Deflection (@ 25%)	ASTM D575	25.4 lb/in ²
Compression Deflection (@ 50%)	ASTM D575	88.8 lb/in ²
Anti-Slip	DIN 51130 & BG-RULE BGR181	R13
Standard Method for Rubber Deterioration	ASTM D1171	Rating 0 - No Cracking
Fire Retardancy	DIN 4102 EN 13501-1	Bfl - S1



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ESD Static Dissipative 100% Nitrile Rubber FR Specification

Specifications	Test Method	Values
Hardness (Shore A)	ASTM D2240-02	56°
Abrasion Resistance	ASTM D3884-01	5000 Cycles 2.2% weight loss
Static Coefficient of Friction	ASTM C1028-96	0.81
Compression Set (@ 25%)	ASTM D395	3.2%
Compression Deflection (@ 25%)	ASTM D575	35.1 lb/in ²
Compression Deflection (@ 50%)	ASTM D575	98.8 lb/in ²
Anti-Slip	DIN 51130 & BG-RULE BGR181	R9
Standard Method for Rubber Deterioration	ASTM D1171	No Cracking
Critical Radiant Flux	ASTM E-648	0,73 Watts/cm ²
Fire Retardancy	DIN 4102 EN 13501-1	Bfl - S1
Flammability Test	ASTM D2859	Pass
ESD ANSI ESD S7.1 50% Humidity RG 1,7 x 10 ⁷ Ω		



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