



## CHARLESWATER FLOOR MAT SELECTION CHART

All Charleswater floor mats meet EN 61340-5-1 flooring limit tested per IEC 61340-4-1

	Statfree	Material Construction	Resistance Classification (Rp-p in ohms)	Surface	Best Application	Special Features	Tech Bulletin	Made In
Vinyl	<a href="#"><b>CV280</b></a>	Homogeneous reversible 3.5 mm thick	Conductive $1 \times 10^4 < 1 \times 10^6$	Light Texture	Moving carts, pallet jacks and forklift trucks; chairs with casters	Lays flat; very durable, chemical resistant, hard surface	<a href="#">PME-CV280</a>	United States of America
	<a href="#"><b>S+</b></a>	Cross-link vinyl/nitrile rubber 9.5 mm thick	Dissipative $< 1 \times 10^9$	Pebble Embossed	Anti-fatigue runner meets EN 61340-5-1	Extremely durable, good antifatigue properties	<a href="#">PME-S+</a>	United States of America
Rubber	<a href="#"><b>i</b></a>	Interlocking rubber 12.7 mm thick	Conductive $1 \times 10^4 < 1 \times 10^6$	Air cell / dome	Great Ergonomic properties; clean-rooms (See Test Report); wave solder machines	Ideal for whole room application where material is needed	<a href="#">PME-i</a>	United States of America
	<a href="#"><b>G2</b></a>	Homogeneous reversible 1.5 mm thick	Conductive $1 \times 10^4 < 1 \times 10^6$	Light Texture	Wave solder areas	Highly durable, heat and chemical resistant, easy to cut, lays flat	<a href="#">PME-G2</a>	United States of America
	<a href="#"><b>DLR</b></a>	Dissipative Dual Layer 3.5 mm thick	Dissipative $1 \times 10^6 < 1 \times 10^9$	Light Texture	Chemical and hot solder are used	Solder iron resistant and withstands most chemicals and easy to clean	<a href="#">PME-DLR</a>	Italy

### Compliance Verification

Per EN 61340-5-1 Edition 1.0 clause 5.2.3 Compliance verification plan “A compliance verification plan shall be established to ensure the organization’s fulfilment of the requirements of the plan. Process monitoring (measurements) shall be conducted in accordance with a compliance verification plan that identifies the technical requirements to be verified, the measurement limits and the frequency at which those verifications must occur. The compliance verification plan must document the test methods used for process monitoring and measurements. ... Compliance verification records shall be established and maintained to provide evidence of conformity to the technical requirements. The test equipment selected shall be capable of making the measurements defined in the compliance verification plan.”

Perform Working Surface and Flooring Compliance Verification testing per IEC 61340-2-3 and IEC 61340-4-1 using Surface Resistance Testers.

“Electrostatic conductive floor is characterized by a resistance less than  $1 \times 10^6$  ohms” [IEC 61340-4-1 clause 1.3.1]