

EC

Polyflor Electrostatic Conductive products are recommended for use in electronics manufacturing (wafer fabrication; product assembly; inspection and storage); laboratories and cleanrooms, also healthcare facilities, including operating theatres; anaesthetising areas; intensive-care units and radiology departments. Conductive ROF is for use in ordnance factories, manufacturing areas and where explosive and flammable agents are stored.



	Gauge	EN 428/ISO 24346	2.0mm
	Roll Size	EN 426/ISO 24341	2m x 20m = 40m ²
	Tile Size: Polyflor EC	EN 427/ISO 24342	608mm x 608mm = 5.17m ²
	Total Weight	EN 430/ISO 23997	OHMega EC: 3060g/m ² Polyflor EC: 3500g/m ² Conductive ROF: 3300g/m ²
	General Performance	EN 649/EN ISO 10581 ASTM F1913 ASTM F1700	Conforms Conforms Polyflor EC Tile: Conforms
	Use Area	EN 685/ISO 10874	
	Reaction to Fire	EN 13501-1 ASTM E648	Class Bfl-S1 Class 1
	Abrasion Resistance	EN 660-2 EN ISO 10581	Polyflor EC & Conductive ROF: Group M Polyflor EC & Conductive ROF: Type II
	Slip Resistance	EN 13893 DIN 51130	Class DS OHMega EC: R9
	Electrical Behaviour: OHMega EC	EN 1081 R ₁ /R ₂ ESD S 7.1 BS EN/IEC 61340-4-1 BS EN/IEC 61340-4-5	10 ⁴ - 1 x 10 ⁶ ohms ** ≤ 10 ⁹ ohms ≤ 10 ⁹ ohms < 100v *
	Electrical Behaviour: Polyflor EC	EN 1081 R ₁ /R ₂ ESD S 7.1 BS EN/IEC 61340-4-1 BS EN/IEC 61340-4-5	5 x 10 ⁴ - 1 x 10 ⁶ ohms 5 x 10 ⁴ - 1 x 10 ⁶ ohms 5 x 10 ⁴ - 1 x 10 ⁶ ohms < 100v *
	Electrical Behaviour: Conductive ROF	EN 1081 R ₁ /R ₂ BS 2050 JSP 482	< 5 x 10 ⁴ ohms < 5 x 10 ⁴ ohms < 5 x 10 ⁴ ohms
	Electrical Behaviour (body voltage)	EN 1815	< 2kv
<p>Environmentally Preferable Flooring - Homogenous vinyl flooring achieves a generic BRE A+/A rating in the Green Guide to Specification, for contract applications. Polyflor ESD is 100% recyclable and contains an average 25% recycled material. Recyclable via the Recofloor scheme. Visit www.polyflor.com/sustainability.</p>			
	<p>Hygiene - All Polyflor commercial sheet vinyl ranges provide a continuous, impervious and hygienic flooring solution which can be confidently cleaned in accordance with recommended maintenance procedures and approved maintenance products. The implementation of an effective cleaning regime is the most important defence against infection.</p>		
	<p>Polyflor homogeneous PUR and Polysafe flooring ranges are compatible with the most commonly used alco-based hand gels. Some alco-based hand gels contain a high concentration of ethanol and to discuss their compatibility with Polyflor ESD ranges, contact Customer Technical Services. Access Panel applications require specific fitting instructions, to ensure product performance and achievement of electrical results outlined. For information regarding handling and installation, adhesives, maintenance, applications, chemical resistance and product warranty, consult Polyflor Customer Technical Services on +44 (0)161 767 1912, or email tech@polyflor.com. The data presented is correct at the time of printing. For latest information, please visit our website polyflor.com. Decoration and shade may vary slightly from the samples shown.</p>		

* Result when tested with conductive shoes, tested according to IEC61340-4-3 and compliant to the requirements of IEC 61340-5-1
** Tested at 100V

