



90800



Imprint on Tubing

"ESD protective packaging ... when required, shall be defined for all material movement within protected areas, between protected areas, between job sites, field service operations and to the customer."

Per Table 4, conductive packaging required range 1x10E2 to less than 1x10E5 ohms tested per IEC 61340-2-3. [EN 61340-5-1 Edition 1.0 2007-08 clause 5.3.4 Packaging and Table 4]

- A. Charleswater's black conductive film is made of linear low density polyethylene to achieve high toughness and strength.
- B. The film is carbon loaded for consistent, non-humidity dependent conductivity.
- C. With a surface resistance of less than 10E5 ohms, this material shields against electrical fields.
- D. It has a shelf life measured in years and is resistant to common solvents.
- E. Typical film thickness is 72 micron (300 gauge).
- F. The material is printed in yellow and meets the requirements of EN 61340-5-1:2001 and includes the ESD protective symbol.



Made in Britain

Typical Physical Properties

MD = Machine direction, CD = Cross direction

Tensile strength	MD:	28kPa (ASTM D882-A)
	CD:	25kPa
Elongation at break	MD:	900% (ASTM D882-A)
	CD:	1000%
Elmendorf tear strength	MD:	6N (ASTM D882-A)
	CD:	9N
Dart drop impact strength		250gr (ASTM D1709-A)
Water vapour transmission rate		>0.8gr/m ² 24 hr at 50% rH & 20°C
Weight		0.07kg/m ²
Bag width tolerance		+15mm
	(inside)	-2mm
Bag length tolerance		+30mm
	(inside)	-2mm

Conductive Black Bags

Item	Internal Dimensions (WxL)	Unit
90800	100 x 100mm (4" x 4")	100
90801	100 x 150mm (4" x 6")	100
90802	100 x 305mm (4" x 6")	100
90803	125 x 200mm (5" x 8")	100
90804	150 x 200mm (6" x 8")	100
90805	150 x 255mm (6" x 10")	100
90806	200 x 255mm (8" x 10")	100
90807	200 x 305mm (8" x 12")	100
90808	255 x 305mm (10" x 12")	100
90809	305 x 405mm (12" x 16")	100
90810	405 x 455mm (16" x 18")	100
90811	455 x 610mm (18" x 24")	100

Conductive Black Tubing

Item	Internal Dimensions (WxL)	Unit
90812	200mm (8"), Conductive Tubing	EA
90813	305mm (12"), Conductive Tubing	EA



Conductive Black Tubing and Bags

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