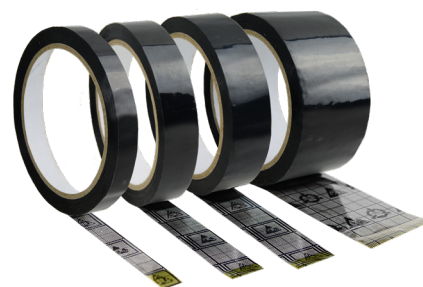


PRODUCT

ESD Grid Tape

TECHNICAL DATASHEET



DESCRIPTION

Our conductive grid tape is made from silicone free, low residue polypropylene with a self adhesive dissipative co-polymer backing and a conductive grid surface layer.

For use in static free workstations where ESD sensitive components are handled.

Both conductive surface and dissipative adhesive layer are low-tribocharging at 50% RH.

FEATURES

- Polypropylene self adhesive tape with conductive grid pattern on the surface
- Supplied on a cardboard core (Core Size: 3")
- Silicone free, with low residue
- Grid pattern includes the ESD logo to EN 61340-5
- Typically used for sealing primary packaging

PRODUCT CODE	DESCRIPTION	SIZE (METRIC)	SIZE (IMPERIAL)	NOTES
154-0140	ESD Grid Tape	12mm x 40m	0.47in x 131.2ft	per roll
054-0109	ESD Grid Tape	24mm x 40mm	0.94in x 131.2ft	per roll
054-0111	ESD Grid Tape	19mm x 40m	0.75in x 131.2ft	per roll
054-0114	ESD Grid Tape	48mm x 40m	1.89in x 131.2ft	per roll

To request a quotation or for more information, please call **+44 (0)1473 836200**
email info@antistat.co.uk or visit www.antistat.co.uk

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No.	PARAMETER	MEASUREMENT	TESTING STANDARD	TESTING RESULT
1	Solid Content	%	53.5-55%	54%
2	Peeling Strength by Angle of 180 Degrees	N/25mm	≥5	6.5
3	Holding Force at 32°F	mm/h	≤3	0
4	Initial Adhesion (Steel Ball)	G	≥13	13
5	Width Tolerance	mm	±0.5	OK
6	Length Tolerance	m	≥0	OK
7	Total Thickness	um	60	61
8	Roll Core Inner Diameter	in	2.99	2.99
9	Tensile Strength	n/25mm	≥30	42
10	Elongation Rate	%	100 - 180	159
11	OPP Film Thickness	u	38	38
12	Pressure Sensitive Adhesive Thickness	u	22	23
13	Surface Resistance	Ohms	10 ⁶ - 10 ⁹	10 ⁷

NOTES

- Replace regular adhesive tapes with antistatic tapes complying with EN 61340-5
- “All generators of electrostatic charges, such as untreated plastic films, foams, synthetic fibers, adhesive tapes, etc., must be prohibited and should be kept away from the EPA [ESD protected area].” (EN 61340-5-2 section 6)
- “EPA should never have any electrostatic generative adhesive tapes or labels, as these can cause very high potentials when applied or stripped off.” (EN 61340-5-1 section 7.4)

RoHS DIRECTIVE

In accordance with the RoHS Directive 2002/95EC, and it's amendment directives, conductive grid tape was tested using method: 3540C/3550B for PBB/PBDE content.

Test results by chemical method (Unit: mg/kg)

Cadmium (Cd) - not detected	Lead (Pb) - not detected
Mercury (Mg) - not detected	Hexavalent Chromium (CrVi) - not detected
Polybrominated Biphenyl - not detected	Polybrominated Diphenylethers - not detected

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