



ESD Grid Tape

FEATURES:

ESD Grid Tape made from a silicone free, low residue polypropylene with a self adhesive backing and static dissipative surface.

- Polypropylene self adhesive tape with static dissipative surface
- Supplied on a cardboard core (Core Size: 3")
- The tape is silicone free, with low residues
- The grid pattern includes the ESD logo to EN 61340-5
- Typically used for sealing primary or intimate packaging



SPECIFICATION:

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 0° C	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	mm	76	76
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	Ω	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 fibres, 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

PRODUCT CODE:	DESCRIPTION:	SIZE:	ADDITIONAL NOTES:
301-003	ESD Grid Tape	24mm x 40M	Per Roll