



RoHS  
Compliant

## Description

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

## Features

- 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 EN61340-5
- Typically used for sealing primary or intimate packaging

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	Ohms	10 <sup>6</sup> - 10 <sup>9</sup>	10 <sup>7</sup>

## 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 its 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

## Part Number Table

Description	Part Number	Size
ESD Grid Tape	MP004375	19mm x 40m
ESD Grid Tape	MP004376	48mm x 40m

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