



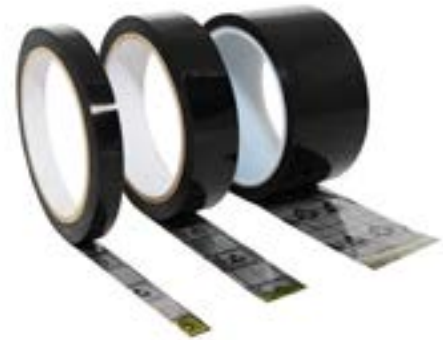
ANTISTAT

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)

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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 |

| Product code | Description | Size | Additional Notes |
|--------------|---------------|------------|------------------|
| 154-0140 | ESD Grid Tape | 12mm x 40m | Per roll |
| 054-0109 | ESD Grid Tape | 24mm x 40m | Per roll |
| 054-0114 | ESD Grid Tape | 48mm x 40m | Per roll |

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