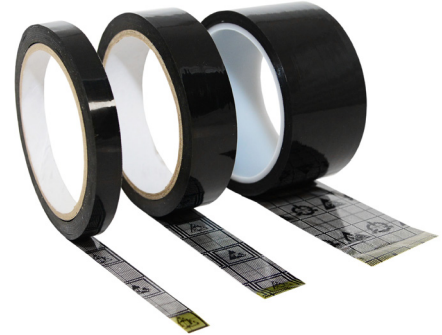


ESD Grid Tape

TECHNICAL DATASHEET



DESCRIPTION

Our electrostatic 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 surface and dissipative adhesive layer are low-tribocharging at 50% RH.

FEATURES

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

TECHNICAL SPECIFICATIONS

| PARAMETER | MEASUREMENT | STANDARD | RESULT |
|--|-------------|----------------------------------|-----------------|
| Solid content | % | 53.5 - 55% | 54% |
| Peeling strength at angle of 180 degrees | N/25mm | ≥ 5 | 6.5 |
| Holding force at 0 °C | mm/h | ≤ 3 | 0 |
| Initial adhesion (steel ball) | G | ≥ 13 | 13 |
| Width tolerance | mm | ± 0.5 | OK |
| Length tolerance | m | ≥ 0 | OK |
| Total thickness | µm | 60 | 61 |
| Roll core inner diameter | mm | 76 | 76 |
| Tensile strength | n/25mm | ≥ 30 | 42 |
| Elongation rate | % | 100-180 | 159 |
| OPP film thickness | µ | 38 | 38 |
| Pressure sensitive adhesive thickness | µ | 22 | 23 |
| Surface resistance | ohms | 10 ⁶ -10 ⁹ | 10 ⁷ |

VARIATIONS

| SKU | SIZE (IN) | SIZE (MM) |
|----------|------------------|------------|
| 054-0126 | 0.23in x 131.2ft | 6mm x 40m |
| 154-0140 | 0.47in x 131.2ft | 12mm x 40m |
| 054-0111 | 0.74in x 131.2ft | 19mm x 40m |
| 054-0109 | 0.94in x 131.2ft | 24mm x 40m |
| 054-0114 | 1.88in x 131.2ft | 48mm x 40m |

To request a quotation or for more information, please call **+44 (0)1473 836200**
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