Users shall determine the suitability of the product for its intended use. For best results, tape inventory should be continually replenished. It is recommended that rolls of tape be stored flat and rotated (flipped over to the other side) periodically. Tapes should be stored in a dry, well ventilated room with a reasonably consistent temperature of 20°C and be protected from exposure to direct sunlight. Tape should not be stored in ultraviolet sunlight, moisture or heat. Tape over one year old should be evaluated by the user to determine acceptability for the user’s application. Vermason recommends those tracking useful life of product to use shipping/invoice date as Vermason expressly warrants that for a period of one (1) year from the date of purchase, our Wescorp Brand ESD Tape will be free of defects in material (parts) and workmanship (labor). See details of Limited Warranty online at Vermason.co.uk.

**Use and Storage:**

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)

**Electrical Properties:**

- Both surfaces low-tribocharging at 50% RH
- Conductive grid layer $1 \times 10^4$ to $< 1 \times 10^6$ ohms at 50% RH
- Adhesive copolymer resistivity $1 \times 10^5$ ohms (nominal) acrylic based adhesive
- Copolymer layer $8 \times 10^{12}$ ohms (nominal)

**Physical Properties:**

- 1.9 mil (0.0019”), (0.049 mm) total thickness
- No silicone (adhesive, film backing, release material)
- Max Temperature 60°C (140°F)
- Non-corrosive

**Property** | **Test Method** | **Value**
--- | --- | ---
Tensile Strength - Longitudinal | ASTM D 882 | 160 N/mm sq.
Tensile Strength - Transverse | ASTM D 882 | 270 N/mm sq.
Elongation - Longitudinal | ASTM D 882 | 160%
Elongation - Transverse | ASTM D 882 | 50%
Static Decay Time | FTMS 101B, M4046 | 0.5 sec.
Base Film Thickness | 30 micron
Peeling Force | 12 N
Cohesion Force | LCTS-T2-4 | 12 hrs
Adhesion to Steel | LCTS-T3-4 | 0.300 kg/25mm min.

**Manufacturer:**

*Vescorp is a Desco Industries brand.*

**Made in Malaysia**

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**WESCORP* ESD CONDUCTIVE SHIELDING GRID TAPE**

**Drawing Number**

242230

**DATE:**

June 2016