



ESD PROPERTIES

Technical Datasheet

| POLYMERS | SURFACE RESISTANCE | | MATERIAL TYPE |
|-------------------------------|--------------------|-------------|----------------------------------|
| | Ohms | Test Method | |
| GEL | >10 ¹² | ASTM D257 | Silicone |
| Vertec FP64, FM71, FK79 | >10 ¹² | ASTM D257 | Thermoplastic Elastomer |
| Vertec FE70 | < 10 ⁹ | ASTM D257 | Thermoplastic Elastomer |
| Vertec EH02, EH04, EH06, EH07 | < 10 ⁹ | ASTM D257 | Thermoset Polyurethane Elastomer |
| TXF | >10 ¹² | ASTM D257 | Thermoplastic Elastomer |
| VMF | >10 ¹² | ASTM D257 | Thermoplastic Elastomer |

| BOXES, TRAYS & LIDS | SURFACE RESISTANCE | | MATERIAL TYPE |
|---|-----------------------------------|-------------|---|
| | Ohms | Test Method | |
| Antistatic AD, BD, CD, VR Boxes | 10 ⁹ -10 ¹¹ | ASTM D257 | ABS |
| Antistatic VR Lid | 10 ⁹ -10 ¹¹ | ASTM D257 | ABS |
| Conductive AD, BD, CD Boxes | < 10 ⁶ | ASTM D257 | Polycarbonate Polypropylene (2" x 2" only) |
| Conductive BD Tray | < 10 ⁶ | ASTM D257 | Polycarbonate |
| Conductive VR Tray & Lid | < 10 ⁶ | ASTM D257 | Polycarbonate |
| Transparent Boxes and Trays | > 10 ¹⁴ | ASTM D257 | Polystyrene |
| Antistatic Plate Large Format VR | 10 ¹² | ASTM D257 | Phenolic |
| Conductive Large Format Boxes | < 10 ⁶ | ASTM D257 | Polycarbonate |
| Transparent Plate Large Format VR | > 10 ¹⁴ | ASTM D257 | Acrylic |
| Transparent Large Format Boxes | > 10 ¹⁴ | ASTM D257 | Polystyrene |
| Black ESD Membrane Box MB-100x75SD-30 | < 10 ¹⁰ | ASTM D257 | ABS Box, Proprietary Membrane |
| Clear Purple Tinged ESD Membrane Box MB-100x75TSD-30 | < 10 ¹⁰ | ASTM D257 | ABS Box, Proprietary Membrane |
| Jedec Tray, MT-RH5 | 10 ³ -10 ⁹ | ASTM D257 | NOSTAT C60 Proprietary Material |

Note: These values are for reference purposes only and are not intended for use in preparing specifications

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