



## ESD PROPERTIES

### Technical Datasheet

POLYMERS	SURFACE RESISTANCE		MATERIAL TYPE
	Ohms	Test Method	
<b>GEL</b>	>10 <sup>12</sup>	ASTM D257	Silicone
<b>Vertec FP64, FM71, FK79</b>	>10 <sup>12</sup>	ASTM D257	Thermoplastic Elastomer
<b>Vertec EH02, EH04, EH06, EH07</b>	< 10 <sup>9</sup>	ASTM D257	Thermoset Polyurethane Elastomer
<b>BMP3E</b>	< 10 <sup>11</sup>	ASTM D257	Thermoplastic Elastomer
<b>TXF</b>	>10 <sup>12</sup>	ASTM D257	Thermoplastic Elastomer
<b>VTX, VMF</b>	>10 <sup>12</sup>	ASTM D257	Thermoplastic Elastomer

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