



## ESD PROPERTIES

### Technical Datasheet

POLYMERS	SURFACE RESISTANCE		MATERIAL TYPE
	Ohms	Test Method	
GEL	>10 <sup>12</sup>	ASTM D257	Silicone
Vertec FP64, FM71, FK79	>10 <sup>12</sup>	ASTM D257	Thermoplastic Elastomer
Vertec EH01, EH02, EH04, EH06, EH07	< 10 <sup>9</sup>	ASTM D257	Thermoset Polyurethane Elastomer
BMP3E	< 10 <sup>11</sup>	ASTM D257	Thermoplastic Elastomer
TXF	>10 <sup>12</sup>	ASTM D257	Thermoplastic Elastomer
VTX, VMF	>10 <sup>12</sup>	ASTM D257	Thermoplastic Elastomer

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