

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 EH01, EH02, EH04, EH06, EH07	$< 10^9$	ASTM D257	Thermoset Polyurethane Elastomer
BMP3E	$< 10^{11}$	ASTM D257	Thermoplastic Elastomer
TXF (ESD)	$< 10^{10}$	ASTM D257	Thermoplastic Elastomer
TXF	$>10^{12}$	ASTM D257	Thermoplastic Elastomer
VMF, VTX, WPX	$>10^{12}$	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, VR 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	$< 10^{11}$	ASTM D257	ABS Box, Proprietary Membrane
Clear Purple Tinged ESD Membrane Box MB-100x75TSD-30	$< 10^{11}$	ASTM D257	ABS Box, Proprietary Membrane
Antistatic ESD Membrane Box	$< 10^{11}$	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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