

## 70G 12" Qualatherm 450 Wet/Dry Thermal Protection

### ESD Technical Bulletin



#### Electrostatic Decay in Combination with a Person

<b>Standard:</b>	Rate of decay shall be less than 2.0 seconds @12%RH
<b>Found:</b>	+1kV to -100V Ave: >2.0 sec. -1kV to -100V Ave: >2.0 sec.
<b>Method:</b>	Mil-STD-3010C, 4046 (Modified) @49.5%RH

#### Café Glove Resistance in Combination with a Person

<b>Target:</b>	Less than $1.0 \times 10^{11}$ ohms @ 12%RH and 50%RH
<b>Range:</b>	Min: $2.1 \times 10^{12}$ ohms Max: $2.1 \times 10^{13}$ ohms
<b>Method:</b>	ANSI/ESD SP15.1 @49.5%RH for 48 Hours

#### ESD Inside Shelf Life

<b>Requirement:</b>	3 Years
<b>Found:</b>	Indefinite for Storage
<b>Reference:</b>	Contains no Antistats

#### Surface Resistance

<b>Target:</b>	$1.0 \times 10^{11}$ ohms and greater at 12%RH
<b>Range:</b>	Min: $3.7 \times 10^{10}$ ohms Max: $7.1 \times 10^{10}$ ohms
<b>Method:</b>	ANSI/ESD STM11.11-2015 @ 10.1%RH for 48 Hours

#### Volume Resistance

<b>Standard:</b>	Less than $1.0 \times 10^{11}$ ohms @12%RH
<b>Range:</b>	Min: $5.5 \times 10^{11}$ ohms Max: $2.5 \times 10^{12}$ ohms
<b>Method:</b>	ANSI/ESD STM11.12-2015 @ 49.5%RH for 48 Hours

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