

## Technical Specification:

### Physical Properties:

Properties	Typical Values	Test Method*
MVTR	<.02 g/100 sq.in./24 hrs	ASTM F 1249
Puncture Resistance	> 20 lbs	MIL-STD-3010 2065
Thickness	3.6 mils	MIL-STD-3010 1003
Tensile Strength	8700 PSI	ASTM D882
Seal Strength	>12 lbs	ASTM D882

### **Heat Sealing Conditions:**

Temperature	300oF - 400oF
Time	300oF - 400oF
Pressure	30 - 70 PSI

### Electrical Properties:

<b>Surface Resistivity / Resistance</b>	ASTM D257	or ANSI/ESD STM11.11
Interior	<10 <sup>12</sup> ohms/square	or <10 <sup>11</sup> ohms
Exterior	<10 <sup>12</sup> ohms/square	or <10 <sup>11</sup> ohms
Metal	100 ohms	
Static Shielding	< 20 volts	EIA 541
Static Shielding	< 10 nJ	ANSI/ESD STM11.31
EMI Attenuation	45 dB	
Static Decay	< 0.03 seconds	MIL-STD-3010 4046
Silicone or Amine Content	Not detected	FTIR

Multiple layers of metallized polyester provide puncture resistance and moisture barrier for this economical dry package. This highly reliable material meets or exceeds MVTR and EMI/RFI/Static shielding requirements for static safe moisture barrier packaging.