



...simply better protection

Intercept MVTR Data Sheet

Description

RIBS MVTR™ is a 6 layer film consisting of a heavy outer aluminium layer protected by a patented dissipative coating, a buried 92 gauge polyester and a 3 layer co-extruded **RIBS MEDIA** film as an inner layer.

Physical Properties	Test Method	Specification
Thickness	PST #001	3.5 mil
Yield	PST #002	7,100 Sq. in./Lb.
Tensile Strength	ASTM D 882	20 Lbs./In.
Puncture Resistance	FTMS 101C Method 2065	>21 Lbs.
Tear Initiation	ASTM D 1004-94A	>4.5 Lbs.
Mullen Burst	ASTM D 774	110 PSI
Seam Strength	ASTM D 882	>12 Lbs./In.
Transparency	ASTM D 1003	Photo Opaque
Heat Seal Blocking		375° F Sec 60 PSI NONE
MVTR	ASTM F 1249@ 100° F 100Sq. in./24 hrs.	<.02 Grams

Electrical Properties	Test Method	Specification
Surface Resistivity	ASTM D 257 at 15% RH	PE and PET <1011 OHMS/sq.
Electrostatic Decay	FTMS 101 Method 4046	.01 Sec.
Metal Layer	ETS 8C3 at 15% RH	<100Ω
Energy Test	ESD STM11.31-2001	<5 nJoules
EMI Shielding		

Electrical Properties	Test Method	Specification
Contact Corrosivity	FTMS 101C Method 3005	None

Cleanliness	
	ION TEST: ASTM D 5542-94
Ammonium	<30 ng/cm ²
Bromide	<30 ng/cm ²
Calcium	<30 ng/cm ²
Chloride	<30 ng/cm ²
Fluoride	<30 ng/cm ²
Lithium	<30 ng/cm ²
Magnesium	<30 ng/cm ²
Nitrate	<150 ng/cm ²
Nitrite	<150 ng/cm ²
Phosphate	<30 ng/cm ²
Potassium	<30 ng/cm ²
Sodium	<30 ng/cm ²
Sulfate	<30 ng/cm ²

These specifications are offered as a guideline and only represent values tested under conditions available for Intercept Technology Group (ITG). Although the information given is, to the best of our knowledge, accurate, reliable and complete, it remains still the users' responsibility to assure the correct application and thus usability. Intercept Technology Group assumes no liability in connection with the use of this information whatsoever. It does not represent a warrantee or guarantee of any kind. Our technical and commercial terms and conditions of sale and delivery apply.

Intercept is registered by EMI Corp. © EMI 2001





...simply better protection

Intercept MVTR Data Sheet

Description

RIBS MVTR™ is a 6 layer film consisting of a heavy outer aluminium layer protected by a patented dissipative coating, a buried 92 gauge polyester and a 3 layer co-extruded **RIBS MEDIA** film as an inner layer.

Cleanliness

LIQUID PARTICLE COUNT: NASA JPG 5322.1 LEVEL 100
Particle Count, Average <40 count/cm²

NON-VOLATILE RESIDUE: STANDARD METHOD MODIFIED 2540C
Total Residue <1 µg/cm²

VOLATILE ORGANICS, HEADSPACE: ASTM F 1982-99, METHOD B

Acrylate <1 µg/g
Chlorinated Solvent <0.01 µg/g
Siloxane <1 µg/g
Total Hydrocarbons <1 µg/g
Total Outgassing <10 µg/g
Temperature: 250°F - 375°F

Heat Sealing
Time: 0.5 - 3.5 seconds
Pressure: 30 - 70 PSI

Applications
For packaging of static sensitive components where extreme cleanliness down to the molecular level is of critical importance.

Moisture barrier protection.
Superior corrosion protection.

Products Available
Bags and Sheeting



These specifications are offered as a guideline and only represent values tested under conditions available for Intercept Technology Group (ITG). Although the information given is, to the best of our knowledge, accurate, reliable and complete, it remains still the users' responsibility to assure the correct application and thus usability. Intercept Technology Group assumes no liability in connection with the use of this information whatsoever. It does not represent a warrantee or guarantee of any kind. Our technical and commercial terms and conditions of sale and delivery apply.

Intercept is registered by EMI Corp. © EMI 2001