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TECHNICAL DATA SHEET

ARIDPAK™ AS-9800 MOISTURE BARRIER BAGS

ARIDPAK™ AS-9800 moisture barrier bags feature low MVTR and an impressive 25 pound puncture resistance for use in vacuum packaging of reels, trays and shipping tubes. This unique material is produced with an extrusion laminated construction that has a higher bond performance with no adhesives to break down as in traditional materials. The material features a conductive outer surface and a permanently static dissipative co-extruded inner surface. There are no coatings to scratch off thus offering an extended shelf life. The material meets or exceeds the requirements of MIL. Spec. 81705-D and JEDEC STD-033. This new ESD packaging material offers low MVTR and high puncture resistance with extremely competitive pricing.

Property	Test Method	Value
Basis weight, lb/ream	ASTM D646	92.8
Yield, in ² /lb	Calculated	4655
Caliper, mil	ASTM D374	5.42
Seal Strength, lb/in (375 °F, 40 psi, 1.5 sec)	ASTM F88	10-13
Tensile, lb/in	ASTM D882	MD 36 TD 38
Elmendorf tear, g	ASTM D1922	MD 300 TD 475
WVTR, g/(100 in ² * 24 hr) 100 °F, 90% RH	ASTM F1249 Gelbo flex ASTM F392, Condition E	< 0.0003
Puncture, lb	FED STD 101	> 25
Static shielding, volts	MIL-PRF-81705D	0.05
EMI attenuation, dB	MIL-PRF-81705D	(before flex) > 35 (after flex) 30
Static decay, seconds	MIL-PRF-81705D	0.01
Surface resistivity, ohms/sq	MIL-PRF-81705D	(metPET side) 1 x 10 ³ (sealant side) 5 x 10 ¹⁰

10/11/2005

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