

## Moisture barrier bag (thickness 150 μ)

Our DRYSHIELD 150 Moisture Barrier Bags are engineered to protect contents from electro-static shock and moisture. The bags are available in various standard sizes and do comply with several standards, including IPC/JDEC J-STD-033. We also ensure ESD protection.

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 of MIL-PRF-81705, Type 1 and EIA 583, Type 2 for static safe, moisture barrier packaging.

### Electrical property parameters

Testing item	Test methods	Unit	Result	Range
Interior surface resistivity	ASTMD-257 ESD S-11.11	Ohm/Square	10 <sup>9</sup> -11	>10 <sup>5</sup> <10 <sup>12</sup>
Exterior surface resistivity	ASTMD-257 ESD S-11.11	Ohm/Square	10 <sup>9</sup> -11	>10 <sup>5</sup> <10 <sup>12</sup>
Decay time	EIA-541 FTMS101 MTH4046	sec.	0,02	<0,03
Static shielding	ESD S11.31 EIA-541	nJ	<10	N/A
		Volts	<15	
EMI attenuation	MIL-PRF-81705D	dB	45	N/A

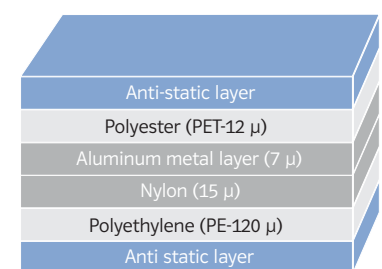
### Standard compliance

Confirm with
IPC/JDEC J-STD-033 IEC 61340-5-2002/95/EC (ROHS directives) MIL-PRF-81705D EIA-583, EIA-541, EIA-625 ANSI/ESD S20.20 ANSI/ESD S541 ANSI/ESD S11.4-2012 Level2

### Physical property parameters

Testing item	Test methods	Unit	Result
Thickness	ASTM D2103	micron	150
		mil	5,91
Tensile strength	GB/T 130221991 ASTM D882	Mpa=N/mm <sup>2</sup>	61-70,9
		psi	>5000
Tensile rate	GB/T 130221991	%	58,6-64
Puncture strength	FTMS 101C 2065.1 MIL-STD-3010, 2065	lbs	34-26,9
		lbs	>25
Heat seal strength	QB/T2358-1998 ASTM D-882-93	N/15mm	55
		lbs	>18
		psi	40-70
MVTR	ASTM F1249-2006 DIN 53122	g	<0,0003
Outgasing	ASTM E595	N/A	Pass

### Construction



### Sizes

a (mm)	b (mm)
100	660
150	700
250	500
250	750
250	305
425	450
425	550

