

Dry-Shield-ESD/EMI bag

(Part No.: 3710.DR.x)

- Electrostatic discharge and field shielding moisture barrier bag
- Material classification according to IEC 61340-5-3:
- electrostatic discharge shielding
- ESD classification symbol: 
- Complies with MIL-B81705 Type 1 Class1
- EMI - Shielding
- Multilayer construction –dissipative Polyester film, Aluminium metallization, dissipative Polyethylene film – for moisture vapour barrier applications
- Heat sealable
- Can be used for vacuum packaging
- Standard print: Product name, ESD symbol, barrier bag symbol, recycle symbol and LOT-No.
- Recyclable 



Mechanical properties:

	Values	Test method
Thickness	92 µm	---
Puncture resistance	> 19 lbs	FTMS 101-C method 2065
Heat seal	190 °C; 0.5 sec.; 4.1 bar	---
Light transmission	Opaque	---
MVTR	< 0.01 g / 100 in ² in 24 h (<i>< 0.155 g/m² in 24 h</i>)	ASTM F-1249 @ 100 °F
Seam strength	No separation	MIL-B 81705 REV-C

Product qualification according to IEC 61340-5-3:

	Test method	Limits	Typical values
Surface resistance R_s	IEC 61340-2-3	$1 \times 10^4 \leq R_s < 1 \times 10^{11} \Omega$	$10^9 - 10^{10} \Omega$
Volume resistance R_v	IEC 61340-2-3	$1 \times 10^4 \leq R_v < 1 \times 10^{11} \Omega$	$10^9 - 10^{10} \Omega$
Electrostatic Discharge shielding Energy E	IEC 61340-4-8	< 50 nJ	< 10 nJ

Environmental conditions: 12 ± 3 % RH and 23 ± 2 °C (conditioning > 48 hours)

Electrical properties:

	Test method	Limits	Typical values
EMI - Shielding	MIL-B 81705 REV-C	> 35 dB (1-10 GHz)	> 40 dB (1-10 GHz)