

Dry-Shield-ESD/EMI bag (JEDEC)

(Part No.: 3710.DR150.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, IPC/JEDEC J-STD-033, EIA 583
- EMI - Shielding
- Specially designed for ESD and moisture vapour barrier applications
- Multilayer construction – Nylon, Aluminium and Polyethylene – 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	150 µm	---
Puncture resistance	> 20 lbs	FTMS 101-C method 2065
Light transmission	Opaque	---
MVTR	< 0,00035 g/100 in ² in 24 h (< 0,00543 g/m ² in 24 h)	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 x 10 ⁴ ≤ R _s < 1 x 10 ¹¹ Ω	10 ⁹ - 10 ¹⁰ Ω
Volume resistance R _v	IEC 61340-2-3	1 x 10 ⁴ ≤ R _v < 1 x 10 ¹¹ Ω	10 ⁹ - 10 ¹⁰ Ω
Electrostatic Discharge shielding - Energy E	IEC 61340-4-8	< 50 nJoule	< 10 nJoule

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)	> 40dB (1-10 GHz)