

HIGHSHIELD® A - Metallized ESD Shielding Bag

(Part No.: 3315.HS.xxxx.A)

- Material classification according to IEC 61340-5-3:
- electrostatic discharge shielding

- ESD classification symbol:



- "Metal-In" construction for electrostatic discharge shielding

- Outer layer - dissipative Polyester

- Aluminium metallized

- Inner layer - dissipative Polyethylene

- Heat sealable

- Standard print:
Product name, ESD symbol, recycling symbol

- Production code "MMYYYY" stamped in welding seam

- Recyclable



100 pcs. packed in a HS-bag

Mechanical properties:

	Values	Test method
Tensile strength	40 MPa	ASTM D882
Heat seal strength	> 4,5 kgf	ASTM D882 (185°C, 1s, 4bar)
Puncture resistance	5,2 kgf	FTMS 101 C Method 2065
Thickness	75µm ± 10%	ASTM D374
Light transmission	40%	
Metallization	100 Ångstroem	

Product qualification according to IEC 61340-5-3:

	Test method	Limits	Typical values
Surface resistance R_s	IEC 61340-2-3	$1 \times 10^4 \leq R_s < 1 \times 10^{11} \Omega$	$10^8 - 10^9 \Omega$
Volume resistance R_v	IEC 61340-2-3	$1 \times 10^4 \leq R_v < 1 \times 10^{11} \Omega$	$10^8 - 10^9 \Omega$
Electrostatic Discharge shielding (ESD Shielding) - Energy E	IEC 61340-4-8	< 50 nJ	< 25 nJ

Environmental conditions: $12 \pm 3 \% RH$ and $23 \pm 2 ^\circ C$ (conditioning > 48 hours)