

Technical data sheet			
Item	Version	Date of issue	Responsible
06S-S...	A	06/2022	DR

Metallized shielding bubble bags



Description

Shielding bubble material ESD is designed to protect and transport sensitive to static electricity discharge electronic devices and components.

Shielding bubble material ESD is according with norms IEC61340-5-1; IEC 61340-5-3 and directive RoHS.

Structure

Shielding laminate ESD with polyethylene bubble film ESD 3 layers

Technical specifications

Properties	Value	Methods / Standards
Physical		
Thickness	171 μm $\pm 5\%$	MB/MW/03 PN-ISO 4593
Size tolerance	± 10 mm	PN-ISO 4593
Adhesion strength PET/PP	2.0 N/mm ²	MB/MW/15 ASTM D 882
Sealing strength	18 N/15mm	MB/MW/07
Coefficient of friction	0.30	MB/MW/08 ASTM D 1894
Oxygen transmission**	96.6 cm ³ /m ² 24h bar	ASTM D-3985
Water vapour transmission**	7.8 g/m ² 24h	ASTM F-1249
Electrical		
ESD Shielding	<10 nJ	IEC 61340-4-8
Surface Resistance - Interior	<10 ¹¹ Ω	IEC 61340-2-3
Surface Resistance - Exterior	<10 ¹¹ Ω	IEC 61340-2-3

** Theoretical calculations