



STATIC SHIELDING BAGS

20-87x-xxxx

Metal-In static shielding bags made out of polyester/polyethylene films for packaging ESD sensitive devices. Heat sealable, those bags are available with or without zipper.

Film construction :

Dissipative coating
Polyester
Aluminium
Polyethylene
Dissipative coating

Standard compliance :

IEC 61340-5-1
94/62/EC & 2002/95/EC (RoHS directives)
MIL-B 81705 C Type III, class I

Material and features :

Thickness : 76μ (3 mil. Inch) +/- 10%
Tensile strength : MD = 5000 psi / TD = 5500 psi (ASTM D-882-91, method A)
Tear strength : MD > 2.0 lbs / TD > 2.8 lbs (ASTM D-1004-64 Notched)
Puncture strength : > 12 lbs (FTMS 101C, Method 2065.1)
MVTR : < 0.25 gram/100 in² / 24H
Light transmission : 40% (+/-5%)
Heat sealable : 250/375°F ; 0.5 to 3.5 sec. ; 30 to 70 psi

Electrical properties :

Surface resistance : < 10e11 Ohm (both surface), IEC 61340-2-3
Volume resistance : < 10e11 Ohm (both surface), IEC 61340-2-3
Energy penetration : < 30 nJ
Static shielding : Capacitive probe < 25V
Static decay time : < 0.05 seconds

Bag specifications :

Dimensions (for non zip bags) : from 76x76mm to 914x762mm
Dimensions (for zipper bags) : from 50x76mm to 457x457mm
All bags dimensions are internal dimensions. The 1st dimension is the opening, the 2nd is the height.
Seal sizes : ≤ 6mm
Printing : Standard with ESD requirements, approx 50x50mm, Yellow. Date code (YYMM).
Shelf life : Permanent if the bag is not damaged

Options :

Standard sizes available from stock, customized sizes available on request
Customized printing on request.
Also available in 50μ.