



3710 Moisture Barrier Bag

Construction in Layers:

ANTI-STATIC / HEAVY GAUGE POLYESTER / METAL / POLYESTER / METAL / HEAVY GAUGE POLYETHYLENE / ANTISTATIC

Material Structure: Multiple layers of metalized polyester and heavy gauge dissipative polyethylene with superior puncture resistance and moisture barrier. This material meets or exceeds MVTR and EMI/RFI Static Shielding requirements for static-safe, moisture barrier packaging.

Applications: For packing of static sensitive products where MVTR (Moisture Vapor Transmission Rates) are critical.

Physical Properties

Thickness
Yield
Tensile Strength
Puncture
Burst
Seam Strength
Optical Density
Heat Seal

Test Method

ASTM D-2103
JJC G103
ASTM D-882
FTMS 10001C
FTMS 101C
ASTM D-882

Specification

7.1 mil
3,600 sq.in/lb
>50 lbs/in
>35 lbs
>50 psi
>12 lbs/in
Opaque (Silver)
Temp: 300 – 400° F
Time: .6- .45 seconds
Pressure: 30 – 70 psi
.005 grams/100sq.in/24 hrs
.005 cc/100 sq.in/24 hrs

MVTR

ASTM F-1249

OTR

ASTM D-3985

Electrical Properties

Surface Resistance

Static Shielding
Static Shielding
Electrostatic Decay
EMI Shielding

Test Method

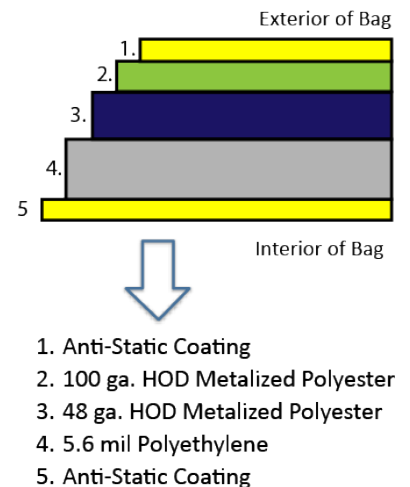
ANSI/ESD STM 11.11

EIA-541
EOS/ESD S11.31
FTMS 101
Mil SPEC B-81705C

Specification

PE < 10¹¹ Ohms
PET < 10¹¹ Ohms
< 20 volts
< 10 nj
< 0.1
> 40 db

Material Structure





Chemical Properties

Contact Corrosivity
Ion Content

Amines & Amide Free

Test Method

FTMS 101C (*method 3005*)
Sodium, Fluoride, Phosphate
Sulfate

Specification

No Visible Sign After
Below Detectable Levels

Cleanliness Properties

Inside & Outside of Film

Test Method

IEST-STD-CC1246D

Specification

Meets Level 100 or Greater *as specified*

Sizes & Mil:

As Specified by the Customer