AUTOSHIELD™ SERIES

Specifications:

Electrical Properties

Typical Values

Test Procedures/Method

Surface Resistance:

- Outer Surface: <10E11 ohms
- Inner Surface: <10E11 ohms

ANSI/ESD STM11.11

Static Shielding:

- Teflon: 0.09 nC/sq. in.
- Quartz: 0.01 nC/sq. in.

EOS/ESD STM11.31

Charge Generation:

- Teflon: 0.09 nC/sq. in.
- Quartz: 0.01 nC/sq. in.

Modified Incline Plane

Capacitance Probe (to dissipate 1 KV):

<30V

EIA 541

Physical Properties

Bag Thickness:

Nominal .0030" (.0762mm) ±10%

MIL-STD-3010, 1003

Width (Inside Dimensions):

Nominal ± .125"

ASTM D-1003

Length (Inside Dimensions):

Nominal ± .125"

Tensile

9000 PSI

ASTM D882

Heat Seal (lbs/in):

>10

MIL-STD-3010, 2065

Puncture Resistance (lbs):

>10

MVTR (gms / 100 in² / 24 hrs, 100°F):

<0.40

FTMS 101C/2065

Outgassing

Pass

ASTM E595

Chemical Properties

Corrosion:

No effect on aluminum, copper, silver, Sn-Pb coated foil, stainless steel, low carbon steel

Yes

Polycarbonate Capability:

Bag is free of amines, N-octanoic acid, silicones and heavy metals

RoHS and REACH Compliance Statement


The bag’s material meets the required limits of ANSI/ESD S541 per ANSI/ESD S20.20. Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.

Mixed Unsorable Plastic Scrap

Mixed unsorable plastic scrap shall contain assorted plastics of multiple grades that are co-extruded, bonded or laminated together which are unsorable into individual grades.

Protektive Pak’s bags are recyclable

Statshield® bags are packaged 100 per package in an oversized shielding bag. Shelf life of bags is minimum one year in normal indoor storage conditions.