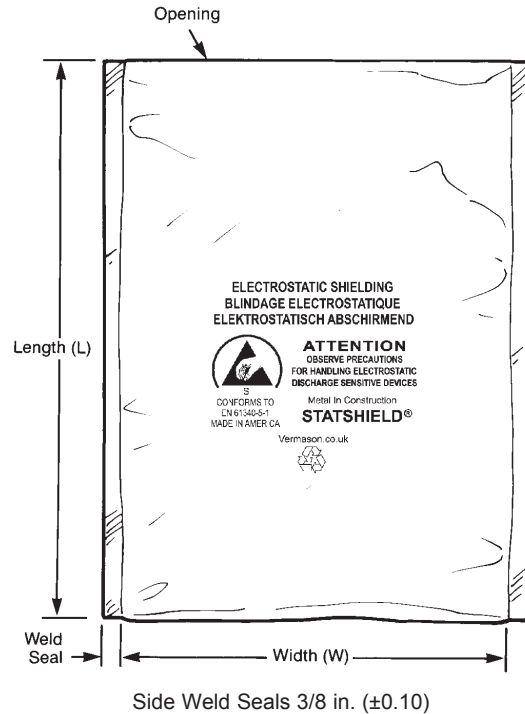


STATSHIELD® METAL-IN SERIES



Specifications:

Electrical Properties

Surface Resistance:	
Outer Surface	<10E11 ohms
Aluminum Layer	<10E2 ohms
Inner Surface	<10E11 ohms
Static Shielding	<25 nJ
Charge Generation	Teflon: 0.09 nC/sq. in. Quartz: 0.01 nC/sq. in.
Capacitance Probe (to dissipate 1 KV)	<30V

Typical Values

Test Procedures/Method

EN61340-5-1 Test Method A.4
EN61340-5-1 Test Method A.4
EN61340-5-1 Test Method A.4
EN61340-5-1 Test Method A.7
Modified Incline Plane
Modified Incline Plane
MIL-PRF-81705D, EIA 541

Physical Properties

Bag Thickness:	
Thickness	Nominal .0030" (.0762mm) ±10%
Width (Inside Dimensions)	Nominal -0" / + .125"
Length (Inside Dimensions)	Nominal ± .125"
Light Transmission (%)	>40% (Tobias)
Burst Strength (psi)	>50
Heat Seal (lbs/in)	>10
Seam Strength	Pass
Tear Strength (lbs)	>25
Puncture Resistance (lbs)	>10
MVTR (gms / 100 in ² / 24 hrs, 100°F)	<0.40
Abrasion Resistance	>100 cycles
Outgassing	Pass
Non-corrosive	Pass

ASTM D-2103
ASTM D-1003
FTMS 101K, Method 2065.1
375°F, 1/2 sec 60 psi
MIL-PRF-81705D
ASTM D-1004
ASTM D-2065
FTMS 101C/2065
Sutherland Abr. (.0000 Steel Wool)
ASTM E595
MIL-STD-3010, M3005

Chemical Properties

Corrosion	No effect on aluminum, copper, silver, Sn-Pb coated foil, stainless steel, low carbon steel
Polycarbonate Capability,	Yes
No Amines or N-Octanoic Acid	Not present

RoHS Compliance Statement

None of the following materials are intentionally added in manufacturing this product: lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) as outlined in the Directive 2002/95/EC Article 4.1. See Desco Industries Inc. letter on-line at Charleswater.co.uk

A fundamental ESD control principle (see IEC 61340-5): ESD susceptible items should be transported and stored outside an Electrostatic protected Area enclosed in low charging, static shielding protective packaging.

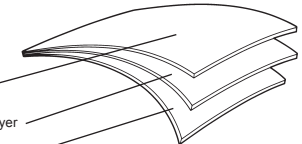


Mixed Unsortable Plastic Scrap

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

Charleswater's bags are recyclable

Low Charging Static
Dissipative Propriety
Outer Polyester Layer
Aluminum Shielding Layer
Low Charging Static
Dissipative Inner
Polyethylene Layer



The bag's material meets the performance specification requirements of Mil-PRF-81705D Type III. Bag is free of amines, N-octanoic acid, and heavy metals. Statshield®, Statfree®, and Faraday® are Registered Trademarks of Desco Industries Inc.

Statshield® Bag, Shielding, Metal-In Construction

CHARLESWATER LTD.
UNIT 17. MILLBROOK BUSINESS PARK, SYBRON WAY
CROWBOROUGH, EAST SUSSEX TN6 3JZ UNITED KINGDOM
PHONE: 00 44 (0) 1892-665313, FAX: 00 44 (0) 1892-668838
INTERNET: www.Charleswater.co.uk

Drawing Number
90500.E

DATE:
June 2009