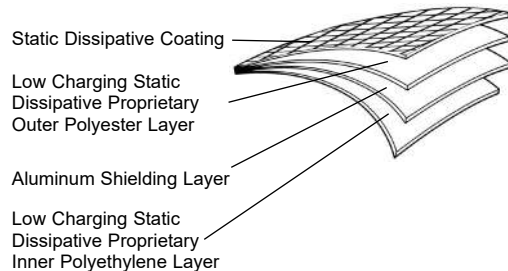
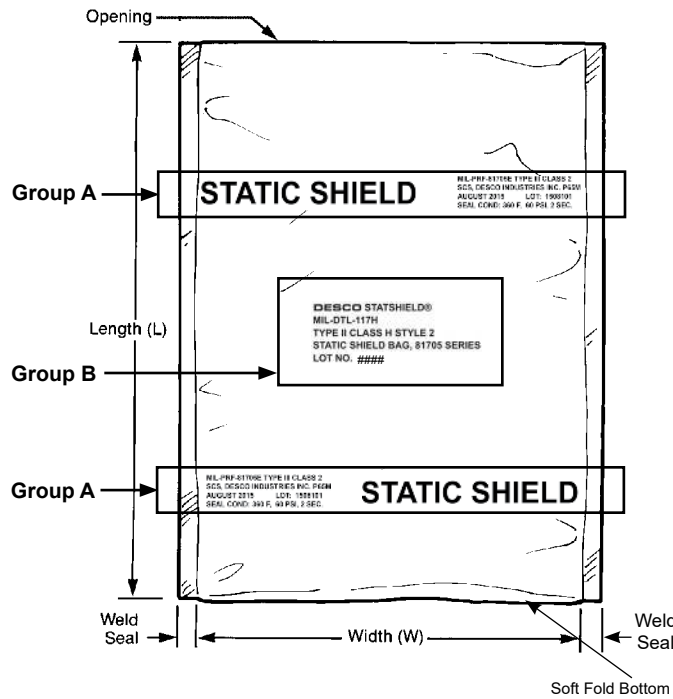


# STATSHIELD® 81705 SERIES



Note: Default hot stamp color is yellow. Artwork not to scale.

### RoHS, REACH, and Conflict Minerals Statement

See the Desco Industries RoHS, REACH, and Conflict Minerals Statement:

[https://desco.descoindustries.com/pdf/Regulatory\\_Statements\\_Desco\\_Statshield\\_Bags.pdf](https://desco.descoindustries.com/pdf/Regulatory_Statements_Desco_Statshield_Bags.pdf)

See the Desco Limited Warranty:

<http://desco.descoindustries.com/Limited-Warranty.aspx>

## Specifications:

### Standard Document

MIL-PRF-81705E  
MIL-DTL-117H

### Electrical Properties

#### Surface Resistance:

Outer Surface <math>< 1 \times 10^{12}</math> ohms/sq  
Inner Surface  $\geq 1 \times 10^5$  to <math>< 1 \times 10^{12}</math> ohms/sq  
Discharge Shielding  $\leq 10$  nJ  
EMI Attenuation  $\geq 10$  db  
Static Decay  $\leq 2$  seconds

### Typical Values

### Physical Properties

Film Thickness 2.8 mils, 0.071 mm  $\pm 10\%$   
Tensile Strength 4600 PSI, 32 MPa  
Puncture Resistance 12 lbs, 53 N  
Non-corrosive Pass  
Marking Abrasion Resistance Pass  
Transparency 40%

### Heat Sealing Conditions

Temperature 360°F, 182°C  
Time 2 seconds  
Pressure 60 PSI, 414 KPa

### Markings:

#### Group A

Material identification printed between polyester and aluminum shielding layer. Specification number, type, class, manufacturer's name, manufacturer's designation, month and year of manufacture, lot number and heat sealing conditions (temperature, pressure and dwell time). Not shown to scale. Color: black. Appears every 6 inches along length of the material. Meets marking requirements of MIL-PRF-81705E: 3.6

#### Group B

Identification hot stamped or thermally printed on surface layer. Specification number, revision letter, type, class, manufacturer's name, manufacturer's designation, and lot number. Not shown to scale. Color: yellow. Meets marking requirements of MIL-DTL-117H: 3.5 for converted bags.

**This product is on the Qualified Product Listing under the Defense Standardization Program. Check our listing [here](#).**

\*Passes on all surfaces noted in MIL-PRF-81705E Special Requirement 6/  
Bag is free of silicones and heavy metals.  
Specifications and procedures subject to change without notice.



Made in the  
United States of America

## STATSHIELD® 81705 SERIES

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PHONE (909) 627-8178

DESCO EAST: ONE COLGATE WAY, CANTON, MA 02021-1407  
PHONE (781) 821-8370

**DRAWING  
NUMBER**  
12910

**DATE**  
September  
2021

# DESCO