



**Specifications:**

**Standard Document**  
ANSI/ESD S541 (ANSI/ESD S20.20)  
ANSI/ESD S11.4

**Meets Requirements of:**  
ESD Protective Packaging  
Level 5 Technical Requirements

**Electrical Properties**  
Surface Resistance:  
Static Decay:

**Typical Values**  
1 x 10<sup>5</sup> to 1 x 10<sup>11</sup> ohms  
< 2.0 seconds

**Test Procedures/Method**  
ANSI/ESD STM11.11  
MIL-STD-3010, Method 4046

**Physical Properties**

Film Thickness	Nominal 3.0 mil (0.076mm) ±10%	ASTM D6988
Width (Inside Dimensions)	-0" / +3/8"	
Length (Inside Dimensions)	+/- 3/8"	
Dart Drop Impact Resistance - Puncture Resistance - Outside	316.7 grams	ASTM D1709-04, Method A
Inside	7.25 lbf	
Breaking Factor - MD	7.48 lbf	
CD	11.65 lbs/in	MIL-STD-3010, Method 2065
Tensile Strength - MD	10.52 lbs/in	MIL-STD-3010, Method 2065
CD	2874 PSI	ASTM D882-02
Elongation at Break - MD	2598 PSI	ASTM D882-02
CD	588.56%	ASTM D882-02
Yield Strength - MD	618.81%	ASTM D882-02
CD	1586.45 PSI	ASTM D882-02
Tear Strength - MD	1465.48 PSI	ASTM D882-02
CD	838.4 gram force	ASTM D1922-06A
	1011.2 gram force	ASTM D1922-06A

**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:  
[Desco.DescoIndustries.com/Limited-Warranty.aspx](https://descoindustries.com/Limited-Warranty.aspx)

Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.  
See Bag Selection Chart Click [HERE](#).



Made in the  
United States of America

Specifications and procedures subject to change without notice.

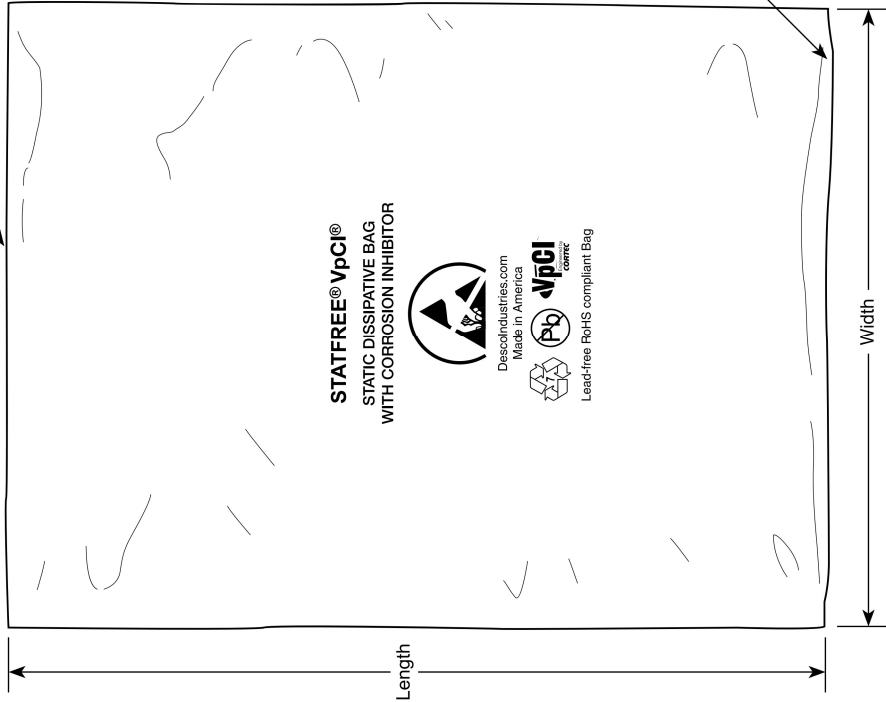
**STATFREE® VPCI-125 HP BAG, 3.0 MIL (0.076 MM)**

DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: [Desco.com](http://Desco.com)  
PHONE (909) 627-8178

**DRAWING NUMBER**  
14170

**DATE:**  
September 2023

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



**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  
**Desco's bags are recyclable**

