



**Black, High Density  
and Cross Linked**

**RoHS 3, REACH, and Conflict Minerals Statement**

See the Desco Industries RoHS 3, REACH, and Conflict Minerals Statement:

<http://www.descoindustries.com/ROHS.aspx>

See the Desco Limited Warranty:

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

See the Desco Disclaimer:

<http://desco.descoindustries.com/Disclaimer.aspx>

**Specifications:**

**Standard Document**

ANSI/ESD S541 (ANSI/ESD S20.20)

**Electrical Properties**

**Surface Resistance:**

**Volume Resistance:**

**Charge Decay:**

**Typical Values**

1 x 10<sup>3</sup> to < 1 x 10<sup>6</sup> ohms

1 x 10<sup>3</sup> to < 1 x 10<sup>6</sup> ohms

< 0.05 seconds from 5KV

**Meets Requirements of:**

ESD Protective Packaging

**Test Procedures / Method**

ANSI/ESD STM11.11

ANSI/ESD STM11.12

FTMS 101C, Method 4046.1

**Physical Properties**

**Construction:**

High Density

Cross Linked

Polyurethane open cell, carbon and acrylic impregnated.

Polyethylene closed cell extruded cross linked.

MIL-STD 883C, Method 1004.2

**Corrosion Resistance:**

**Density (approx.):**

High Density

Cross Link

5 lb/cu ft

3.1 lb/cu ft

Tensile Strength:

High Density

Cross Link

25 psi

85 psi

Tear Resistance:

High Density

Cross Link

2.15 lbs

16 lbs

Elongation:

High Density

Cross Link

120%

50%

Thickness (in*)	High Density	Cross Linked
1/4	<a href="#">12250</a>	<a href="#">12660</a>
3/8	<a href="#">12350</a>	
1/2	<a href="#">12450</a>	
3/4	<a href="#">12550</a>	
1	<a href="#">12650</a>	



Made in the  
United States of America

\*Dimensions are nominal; thickness is ± 1/16".

Specifications and procedures subject to change without notice.

**STATFREE® FOAM, CONDUCTIVE, BLACK**

**DESCO**

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**DRAWING  
NUMBER**  
12100

**DATE:**  
March  
2020