



**Black, Low Density, 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 10³ to < 1 x 10⁶ ohms

1 x 10³ to < 1 x 10⁶ ohms

< 0.05 seconds from 5KV

Physical Properties

Construction:

High / Low Density

Cross Linked

Polyurethane open cell, carbon/acrylic impregnated.

Polyethylene closed cell extruded cross linked.

Corrosion Resistance:

MIL-STD 883C, Method 1004.2

Density (approx.):

Low Density

2 lb/cu ft

High Density

5 lb/cu ft

Cross Link

3.1 lb/cu ft

Tensile Strength:

Low Density

17 psi

High Density

25 psi

Cross Link

85 psi

Tear Resistance:

Low Density

2.5 lbs

High Density

2.15 lbs

Cross Link

16 lbs

Elongation:

Low Density

150%

High Density

120%

Cross Link

50%

Thickness (in*)	Low Density	High Density	Cross Linked
1/4	12200	12250	12660
3/8		12350	
1/2	12400	12450	
3/4		12550	
1	12600	12650	

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

For MSDS report, click [Here](#)



Meets Requirements of:

ESD Protective Packaging

Test Procedures / Method

ANSI/ESD STM11.11

ANSI/ESD STM11.12

FTMS 101C, Method 4046.1



Made in the
United States of America

Specifications and procedures subject to change without notice.

STATFREE® FOAM, CONDUCTIVE, BLACK



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**DRAWING
NUMBER**
12100

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