



**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 10³ to < 1 x 10⁶ ohms

1 x 10³ to < 1 x 10⁶ 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	12250	12660
3/8	12350	
1/2	12450	
3/4	12550	
1	12650	



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

Mouser Electronics

Authorized Distributor

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