



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



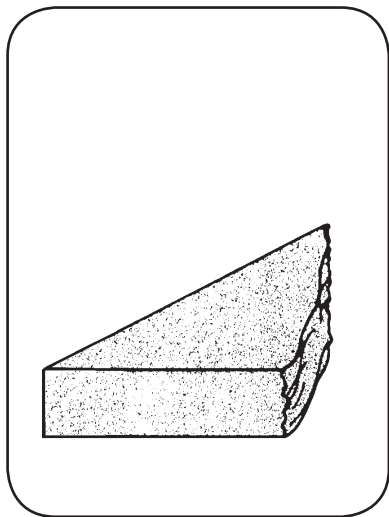
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Consistent with ANSI/ESD S541 section A.3 "Dissipative Material for Intimate Contact, To avoid rapid discharge to sensitive items, dissipative materials should be used as the layer of packaging that contacts the item."

ESD Handbook ESD TR20.20 section 5.3.1.7 Electrical Considerations "[RTG is] The most important functional consideration for worksurfaces. This establishes the resistance of the primary path to ground for items, placed on the surface. When worksurface materials are being selected, consideration should be given to possible Charged Device Model (CDM) damage to ESD sensitive products. If CDM damage is a concern then setting a lower resistance limit for the worksurface should be considered. Typically, the lower limit for these types of worksurfaces is  $1 \times 10^6$  ohms."

### Description:

Desco's Statfree® Cushion Grade Static Dissipative Foam is a non-abrasive, closed-cell Polyethylene Foam Compounded for Permanent ESD Control Properties. The ESD protective properties will not degrade; the foam is designed not to flake, slough, or contaminate products. The foam will electrically couple to a grounded ESD worksurface when placed on the worksurface. There is no need for a separate ground cord for the foam when used in this fashion. The 1.9 lb/ft density provides cushioning protecting products from shock physical damage.



Made in America

### Specifications:

Property	Test Method	Results
Density	ASTM D3575-91	1.9 lb/ft <sup>3</sup>
Surface Resistance	ANSI/ESD S4.1	10E5 – 10E8 ohms
Corrosivity	TS 1021BA (UK MOD)	Pass
Water Extract	TS 1021BA (UK MOD)	Pass
Total Chlorine	TS 1021BA (UK MOD)	Pass
Recommended Operating Temperature Range	Internal	+200°F to -95°F
Tear Strength	ASTM D3575-91	14 lbf/in
Tensile Strength	ASTM D2575-91	44 psi

Item	Thickness	Size (in.)
<a href="#">12665</a>	1/8	40 x 75
<a href="#">12666</a>	1/4	40 x 75
<a href="#">12667</a>	3/8	40 x 75
<a href="#">12668</a>	1/2	40 x 75

Dimensions are nominal; thickness is  $\pm 1/16$ ".

Unless otherwise noted, tolerance is  $\pm 10\%$

Specifications and procedures subject to change without notice.

## Statfree® Black Cushion Grade Static Dissipative Foam

# DESCO

DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: [Desco.com](http://Desco.com)  
PHONE (909) 627-8178 FAX (909) 627-7449

DESCO EAST: ONE COLGATE WAY, CANTON, MA 02021-1407  
PHONE (781) 821-8370 FAX (781) 575-0172

**DRAWING NUMBER**  
12665

**DATE:**  
March  
2011