

Grey

### Description:

Statfree S Plus™ material is specifically designed to reduce fatigue in areas where standing is required for long periods of time. This floor mat combines a cross-link vinyl/nitrile rubber construction which is three times the resilience of ordinary vinyl foam matting. The extremely durable embossed surface is safe for workers, and the mat stays clean. Statfree S Plus™ meets the requirements of DOD-HDBK-263, DOD-STD-2000, ESD-S7.1 and EN 100 015 Issue 1.

Matting materials have a tendency to shrink slightly when first unrolled. In applications where length is critical, allow the material to relax for at least 4 hours before cutting to size. Always trim with a sharp knife or razor blade.

#### Limited Lifetime Warranty

Desco warrants for one year that Statfree® matting products will be free of defects in materials and workmanship and will guarantee dissipative/conductive mat properties for the life of the mat. Damage to matting caused by misuse of any kind, including using inappropriate cleaners is not covered by Desco Limited Warranty.

### Electrical Properties:

Property	Test Method	Value
RTG Resistance:	ESD S7.1	<10 <sup>9</sup> Ohms
RTT Resistance:	ESD S7.1	<10 <sup>9</sup> Ohms

Electrical Properties obtained by testing to industrial standards by an independent testing laboratory @ 100 Volts and 50% relative humidity unless otherwise specified. Complete text of the test report is available upon request.

#### Disclaimer:

All statements, technical data, and recommendations contained herein are based upon tests we believe to be reliable. However, the accuracy or completeness thereof is not guaranteed. The proper and correct applications of products and data is the responsibility of the user. Statements or recommendations not contained herein shall have no force or effect unless embodied in a written agreement signed by authorized offers of Desco Industries, Inc.

### Roll Stock Item Number

COLOR	ITEM NO.	APPROX. WT.
GREY	82066	130 lb.

**Roll Stock Size 3' x 60'**  
(Roll Stock beveled on all sides)

**Hardware is not included with rolls.**

#### Grounding Intervals for ESD Mats

Sufficient ground cords should be used to reliably meet ANSI/ESD S20.20 Table 1 less than 1 x 10E9 ohms for worksurfaces. An industry recommendation has been that continuous runs of ESD matting should be grounded at ten-foot intervals to allow proper charge decay rates with each individual ESD mat should be grounded with ground snap located no further than five feet from either end.

#### RoHS Compliance Statement

None of the following materials are intentionally added in manufacturing this product: lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) as outlined in the Directive 2002/95/EC Article 4.1. See Desco Industries Inc. letter on-line at [Desco.com](http://Desco.com).

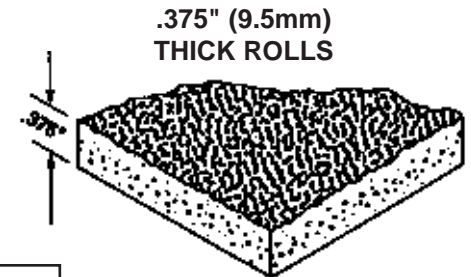
### Specifications:

Construction:	Vinyl/Nitrile Floor Funner. Designed specifically to reduce fatigue as a standing surface.
Thickness:	0.375 inches (9.5mm)
Texture:*	Non-directional, heavy embossed, soil and abrasion resistant
Color:*	Grey
Weight:	0.65 lbs/ft <sup>2</sup> (0.317g/cm <sup>2</sup> )
Hardness:	ASTM-D-2240-75 65 Shore "00"
Wear Resistance:	Tabor Abrader, 1000 Cycles H-18 wheel, 1,000 grams load, negligible
Heat Resistance:	-20°F to 140°F continuous

\*Color and texture may vary between lots and mills

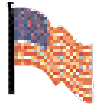
**Grounding:** This material must be properly grounded for optimum electrical performance. Ask for Technical Bulletin TB-2000 for mat grounding instructions.

**Cleaning:** For optimum electrical performance, surface must be cleaned regularly using an ESD mat cleaner. We suggest using our Reztore™ Surface & Mat Cleaner Item #10435 or Static-Wipes Item #10600. Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.



#### Tolerances:

Width ± .250"  
Length ± .250" every 1 linear foot of running material.



Made in America

### STATFREES Plus™ FLOOR MAT, VINYL, HOMOGENEOUS, ANTI-FATIGUE, .375" (9.5mm)

# DESCO

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MATERIAL STATFREE S Plus

DRAWING PM-120

DATE:  
2/06