



Dark Blue, Grey, and Light Blue

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 Material Item Numbers

| Size | LT Blue | DK Blue | Grey |
|-----------|-----------------------|-----------------------|-----------------------|
| 24" x 50' | 11020 | 11030 | 11040 |
| 30" x 50' | 11021 | 11031 | 11041 |
| 36" x 50' | 11022 | 11032 | 11042 |
| 48" x 50' | 11023 | 11033 | 11043 |

Hardware is not included with rolls.

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

Description:

Statfree TLR™ Dissipative Table Matting provides an effective ESD worksurface anywhere static is a problem. Excellent for use in assembly operations where matting may come in contact with hot soldering iron tips or solder splashes.

Matting is easily grounded with the use of a Common Point Ground Cord.

Standards:

- Meets the requirements of ANSI/ESD S20.20, ANSI/ESD S4.1, EIA 625, MIL-HDBK - 263 and MIL-STD-1686.

Features:

- Compatible with constant monitors
- Good electrical performance

Electrical Properties:

- Resistance Top to Top (RTT):** 10E6 - 10E8 Ohms per S20.20 STM S4.1
- Resistance to Ground (RTG):** 10E6 - 10E8 Ohms per S20.20 STM S4.1
- Static Decay:** 5k V to (50 volts) >2.0 seconds. In accordance with FTMS 101C Method 4046

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.

Mat Top Kit Item Numbers

| Size | LT Blue | DK Blue | Grey |
|-----------|-----------------------|-----------------------|-----------------------|
| 24" x 36" | 11050 | 11060 | 11070 |
| 24" x 48" | 11051 | 11061 | 11071 |

MAT TOP KIT INCLUDES

- 1 Benchmat, Statfree TLR™, size as specified
- 1 [13160](#), common point kit
- 1 [12000](#), universal snap kit

Specifications:

- Thickness:** 0.060"
- Tolerance:** Thickness ± .005"
- Colors*:** Light Blue, Light Gray, Dark Blue

*Color and texture may vary between lots and mills (dissipative side)

Grounding: This material must be properly grounded for optimum electrical performance. Ask for Tech Brief [PS-2013](#) 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 #[16030](#) or Static Wipes Item #[16020](#). Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.

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 [ESDSystems.com](#).

Limited Warranty:
 ESD Systems.com 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 ESD Systems.com Limited Warranty.



Specifications and procedures subject to change without notice

Statfree TLR™ Dissipative Two-Layer Rubber

ESD SYSTEMS.com

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Drawing: TD-TLR
 Material
 Statfree TLR

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 2010