



DESCO FLOOR MAT SELECTION CHART

	Mat Type	Material Construction	Resistance Classification (RTT in Ohms)	Surface	Best Application	Special Features
Vinyl	CV	Single-layer vinyl 0.060" thick and 0.125" thick	Conductive <10 ³ - 10 ⁴	Light Texture	Moving carts, pallet jacks and forklift trucks	Lays flat; very durable, chemical resistant, hard surface
	S+	Cross-link vinyl/nitrile rubber 0.375" thick	Dissipative <10 ⁹	Embossed	Runner per S20.20	Extremely durable, excellent anti- fatigue properties
	S	Expanded foam vinyl 0.375" thick	Dissipative 10 ⁹ -10 ¹⁰	Heavy texture	Runner when S20.20 not necessary	Economical, excellent anti- fatigue properties
	F	Single-layer vinyl 0.125" thick	Dissipative <10 ⁹	Corrugated top, smooth bottom	Wet areas, economical runner	Economical flooring with corrugated anti-slip surface
	DPL	Homogenous vinyl laminated to double-thick rubber foam base 0.450" thick	Dissipative 10 ⁸	Embossed diamond	Wet areas, anti-fatigue	Proven industrial grade safety and anti-fatigue product; has highly visible yellow borders
Rubber	EB	Rubber 0.500" thick	Conductive 10 ³ -10 ⁶	Bubble Cells	Superior durability, chemical resistant, anti-fatigue	Heat, chemical and wear resistance; firm support improves worker comfort
	i	Interlocking rubber 0.500" thick	Conductive 10 ³ -10 ⁵	Air cell/dome	Ergonomic anti-fatigue for room	Ideal for whole room application where material is needed
	i Fused	Interlocking rubber 0.500" thick	Conductive 10 ³ -10 ⁵	Air cell/dome	Ergonomic anti-fatigue runner	Ideal for whole room application where material is needed
	A	Interlocking rubber 0.500" thick	Conductive 10 ³ -10 ⁶	Light texture	Anti-fatigue runner	Anti-fatigue properties, easy to customize length, highly durable
	G2	Single-layer 0.060" thick	Conductive 10 ³ -10 ⁵	Light texture	Wave solder areas	Highly durable, heat and chemical resistant, easy to cut, lays flat
	C	Single-layer rubber 0.125" thick	Conductive 10 ⁴ -10 ⁵	Corrugated	Wave solder areas	Highly durable, heat and chemical resistant

Measure RTT and RTG of your floors with our 19780 Surface Resistance Test Kit.



See Page 42 for details

For detailed information on all Desco floor mats:

www.desco.com/catalog

See our products being
Made in America
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STATFREE CV™ CONDUCTIVE VINYL

15006 48" x 72" (1.2m x 1.8m), 0.125" (3.2mm) thick, Mat
Includes 14234 ground kit

15001 48" x 100' (1.2m x 30.5m), 0.060" (1.5mm) thick, Roll

15005 48" x 40' (1.2m x 12.2m), 0.125" (3.2mm) thick, Roll

15000 48" x 40' (1.2m x 12.2m), 0.060" (1.5mm) thick, Roll

Grounding Hardware not included with rolls. See pages 20-23 for hardware.

*Excellent Floor Mat for
Hard Surface & Carpeted
Areas Using Rolling
Chairs and Carts*



15006

- **Guaranteed to lay flat**
Excellent floor mat for hard surface and carpeted areas using rolling chairs and carts. Provides safe floor allowing personnel, chairs, and carts to pass freely, increasing safety.
- **RTT: 10³ - 10⁵ Ohms per ESD-S7.1**
Exceeds ANSI/ESD S20.20 minimum recommended technical requirements of < 1 x 10⁹ ohms for ESD protected flooring and shelving
- **RTG: 10³ - 10⁵ Ohms per ESD-S7.1**
- **Thickness: 0.060" (1.5mm) and 0.125" (3.2mm)**
- **Made in America**

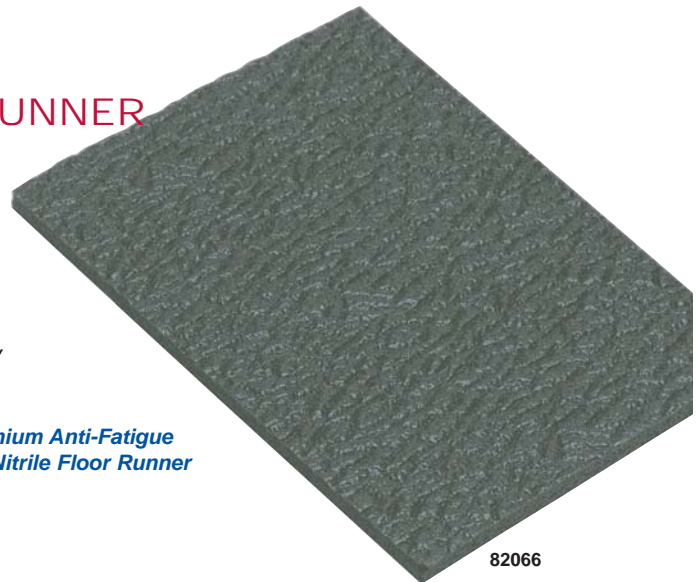
Drawing PM-118 and Technical Bulletin TB-2000

STATFREE S PLUS™ DISSIPATIVE ANTI-FATIGUE FLOOR RUNNER

82066 36" x 60' (0.9m x 18.3m), Roll
Grounding Hardware not included with rolls. See pages 20-23 for hardware.

- **Combines a cross-link vinyl/nitrile rubber construction**
Three times the resilience of ordinary vinyl foam matting
- **Extremely durable embossed surface**
Safe surface for workers; mat stays clean
- **Beveled edges**
Added safety; allows people and equipment to pass safely and easily
- **RTT 10⁶ - 10⁸ Ohms per ESD-S7.1**
- **RTG 10⁶ - 10⁸ Ohms per ESD-S7.1**
- **Thickness: 0.375" (9.5mm)**
- **Exceeds ANSI/ESD S20.20 minimum technical requirement range of <1 x 10⁹ ohms for ESD floor**
- **Made in America**

*Premium Anti-Fatigue
Vinyl/Nitrile Floor Runner*



82066

STATFREE S™ DISSIPATIVE ANTI-FATIGUE

82064 36" x 60' (0.9m x 18.3m), Grey, Roll
82063 36" x 60' (0.9m x 18.3m), Brown, Roll
Grounding Hardware not included with rolls. See pages 20-23 for hardware.

- **Homogeneous foam vinyl**
Provides economical anti-fatigue properties, improving worker comfort
- **For use where meeting ANSI/ESD is not a requirement**
- **Slip resistant and soil resistant heavy embossed texture**
Safe surface for workers; mat stays clean
- **RTT: 10⁹ - 10¹⁰ Ohms per ESD-S7.1**
- **RTG: 10⁹ - 10¹⁰ Ohms per ESD-S7.1**
- **Thickness: 0.375" (9.5mm)**
- **Made in America**

*Economical Anti-Fatigue
Vinyl Mat and Runner*



82063, 82064

For detailed information on
all Desco floor mats:
www.desco.com/catalog





STATFREE F™ DISSIPATIVE CORRUGATED VINYL

16005 48" x 72" (1.2m x 1.8m), Mat
Includes 14234 ground kit

16006 48" x 40' (1.2m x 12.2m), Roll
Grounding Hardware not included with rolls. See pages 20-23 for hardware.

Economical Vinyl For Floor Mats and Runners

- **Corrugated slip resistant surface**
Provides excellent traction in wet environments
- **Easy to cut**
Configure to your requirements
- **Brown Color**
Hides dirt, lower maintenance
- **RTT: 10⁷ - 10⁸ Ohms per ESD S7.1**
- **RTG: 10⁷ - 10⁸ Ohms per ESD S7.1**
- **Thickness: 0.125" (3.2mm)**
- **Exceeds ANSI/ESD S20.20 minimum technical requirement range of <1 x 10⁹ ohms for ESD floor**
- **Made in America**

Drawing PM-074 and Technical Bulletin TB-2000

Look for the Statfree® brand on Desco ESD matting - for your protection and auditing purposes



16005

STATFREE A™ CONDUCTIVE INTERLOCKING RUBBER

40910 Stand-Alone Mat, 28" x 36" (0.7m x 0.9m)
14213 Ground Kit Included

40915 Center Section, 28" x 36" (0.7m x 0.9m)

40920 End Section, 28" x 36" (0.7m x 0.9m)

- **Interlocking sections**
Easy to configure custom lengths. Maintains conductivity automatically (up to 5 sections - 15 feet)
- **Premium rubber material**
Resists damage from heat and common solvents - easy to clean and maintain
- **Beveled safety edges**
Gentle rise for safety
- **Available as end, middle and stand-alone mat**
Configure to fit your requirements
- **RTT: 10³ - 10⁴ Ohms per ESD-S7.1**
- **RTG: 10³ - 10⁴ Ohms per ESD-S7.1**
- **Thickness: 0.50" (12.7mm)**
- **Exceeds ANSI/ESD S20.20 minimum technical requirement range of <1 x 10⁹ ohms for ESD floor**
- **Made in America**

Drawing PM-095 and Technical Bulletin TB-2000

Economical Mats and Variable Length Aisle Runners



40910

STATFREE DPL™ DIAMOND PLATE

40975 Floor Mat, 36" x 48" (0.9m x 1.2m)

40976 Floor Mat, 36" x 60" (0.9m x 1.5m)

Includes 14234 ground kit

40977 Floor Runner, 36" x 60' (0.9m x 18.3m)

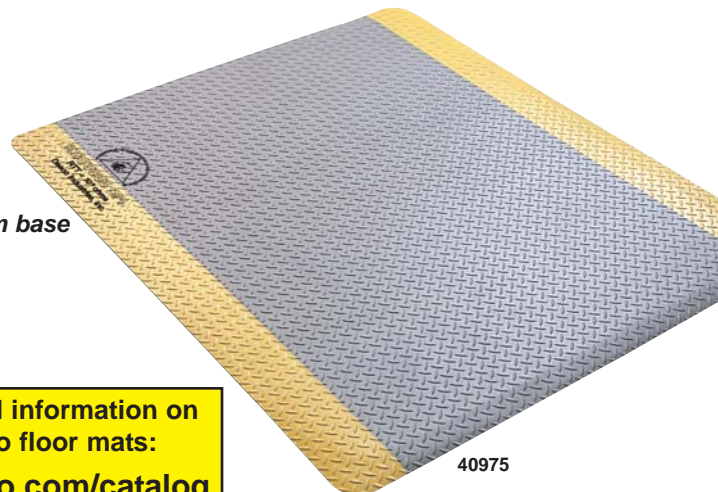
Grounding Hardware not included with rolls. See pages 20-23 for hardware.

Excellent Dissipative Anti-Fatigue Floor Mat

- **Homogeneous vinyl material laminated to double-thick rubber foam base**
Provides anti-fatigue properties; for worker comfort and productivity
- **Adopted from industrial safety applications**
Proven safety and anti-fatigue product
- **Diamond plate surface**
Provides traction in wet areas. Suitable for the movement of rolling carts
- **RTT: 10⁸ Ohms per ESD S7.1**
- **RTG: 10⁸ Ohms per ESD S7.1**
- **Thickness: 0.45" (11.4mm)**
- **Exceeds ANSI/ESD S20.20 minimum technical requirement range of <1 x 10⁹ ohms for ESD floor**
- **Made in America**

Drawing PM-113 and Technical Bulletin TB-2000

For detailed information on all Desco floor mats:
www.desco.com/catalog



40975





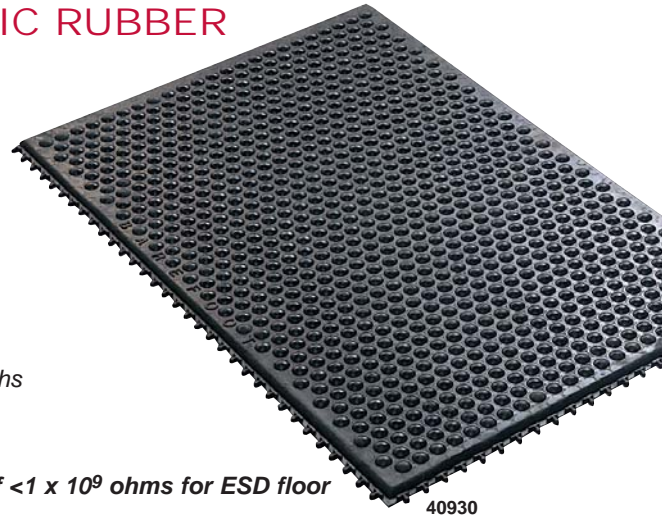
DESCO

FLOOR MAT MATERIALS

STATFREE i™ CONDUCTIVE ERGONOMIC RUBBER INTERLOCKING ROOM SYSTEM

- 40930 24" x 36" (0.6m x 0.9m) Section
- 40931 36" x 48" (0.9m x 1.2m) Section
- 40932 36" x 48" (0.9m x 1.2m) Section, with Drain Through Grounding Hardware not included with rolls. See pages 20-23 for hardware.

- **Ergonomic ergonomic design dome/support cell structure**
Suspended bounce feel, and matrix of "tri-radial" supports firming up as weight is applied improves worker comfort and productivity
- **Durable homogenous rubber**
Will never delaminate
- **Patented interlocking strip (Patent No. 5,630,304)**
Easily configures to fit your requirements; no need to order special lengths
- **RTT: 10³ - 10⁵ Ohms per ANSI ESD S7.1**
- **RTG: 10³ - 10⁵ Ohms per ANSI ESD**
- **Thickness: 0.50" (12.7mm)**
- **Exceeds ANSI/ESD S20.20 minimum technical requirement range of 1×10^9 ohms for ESD floor**
- **Made in America**



40930

Drawing PM-107 and Technical Bulletin TB-2000

STATFREE i FUSED™ CONDUCTIVE ERGONOMIC RUBBER FLOORING SYSTEM

- 40950 2' wide in 3' length increments up to 120 feet
 - 40951 3' wide in 2' length increments up to 120 feet
 - 40952 4' wide in 3' length increments up to 120 feet
 - 40953 6' wide in 2' length increments up to 60 feet
 - 40954 8' wide in 3' length increments up to 60 feet
- Grounding Hardware not included with rolls. See pages 20-23 for hardware.

- **Patented* (U.S. Patent #5,456,966) ergonomically designed anti-fatigue dome/support cell structure providing superior cushion, support, and physical dynamics (uniaxial compression, impact resilience, and impact energy absorption)**
Suspended bounce feel, and matrix of "tri-radial" supports firming up as weight is applied. Improves worker comfort and productivity.
- **Various lengths are manufactured by chemically bonding seams, creating many length sections in over 200 sizes.**
Creates safe floor allowing personnel, to pass freely, increasing worker safety.
- **RTT: 10³ - 10⁵ Ohms per ANSI ESD S7.1**
- **RTG: 10³ - 10⁵ Ohms per ANSI ESD S7.1**
- **Thickness: 0.50" (12.7mm)**
- **Exceeds ANSI/ESD S20.20 minimum technical requirement range of 1×10^9 ohms for ESD floor**
- **Made in America**



40952

Drawing PM-119 and Technical Bulletin TB-2000

STATFREE EB™ CONDUCTIVE ERGONOMIC RUBBER

- 40935 Stand-Alone Mat, 36" x 60" (0.9m x 1.5m)
- Grounding Hardware not included with rolls. See pages 20-23 for hardware.

- **Ergonomic bubble air cell design**
Improves worker comfort and productivity
- **Firm support gives, but stays cleaner**
Sharper looking facility with lower maintenance costs
- **RTT: 10³ - 10⁶ Ohms per ANSI ESD S7.1**
- **RTG: 10³ - 10⁶ Ohms per ESD S7.1**
- **Thickness: 0.50" (12.7mm)**
- **Exceeds ANSI/ESD S20.20 minimum technical requirement range of 1×10^9 ohms for ESD floor**
- **Made in America**



Premium Choice for Ergonomic Floor Mat

For detailed information on all Desco floor mats:
www.desco.com/catalog

40935

Drawing PM-117 and Technical Bulletin TB-2000





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FLOOR MAT MATERIALS

STATFREE C™ CONDUCTIVE CORRUGATED RUBBER

50011 Roll, 3' x 75' (0.9m x 22.9m)
Grounding Hardware not included with rolls. See pages 20-23 for hardware.

- **All rubber construction**
Extremely durable and long lasting; heat and chemical resistant
- **Corrugated surface**
Excellent for wave solder areas
- **Lays flat**
Non-skid surface creates added safety
- **RTT: 10⁴ - 10⁵ Ohms per ESD S7.1**
- **RTG: 10⁴ - 10⁵ Ohms per ESD S7.1**
- **Thickness: 0.125" (3.2mm)**
- **Exceeds ANSI/ESD S20.20 minimum technical requirement range of <1 x 10⁹ ohms for ESD floor**
- **Made in America**

Drawing PM-96 and Technical Bulletin TB-2000

For detailed information on all Desco floor mats:
www.desco.com/catalog



STATFREE G2™ CONDUCTIVE SMOOTH RUBBER

82067 48" x 72" (1.2m x 1.8m), Mat
Includes 14234 ground kit

82068 48" x 40' (1.2m x 12.2m), Roll
Grounding Hardware not included with rolls. See pages 20-23 for hardware.

- **Heat, chemical and abrasion resistant**
Excellent floor mat for around wave solder machines and other challenging manufacturing environments
- **Easy to cut**
Configure to fit your requirements
- **Durable homogeneous rubber**
Will never delaminate
- **Reversible rubber**
Saves money, extends mat life
- **RTT: 10³ - 10⁵ Ohms per ESD S7.1**
- **RTG: 10³ - 10⁵ Ohms per ESD S7.1**
- **Thickness: 0.060" (1.5mm)**
- **Exceeds ANSI/ESD S20.20 minimum technical requirement range of <1 x 10⁹ ohms for ESD floor**
- **Made in America**

Drawing PM-106 and Technical Bulletin TB-2000

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Durable for High Traffic Areas

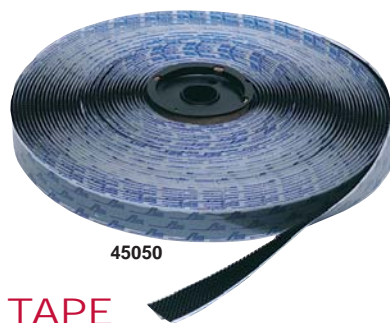


CARPET GRIPPER TAPE

45050 Carpet Gripper Tape, 1" x 25 yrd Roll

- **Flexible hook tape on one side**
Secures to carpet
- **Adhesive tape on the other side**
Secures to mat
- **Made in America**

Drawing 45050



DOUBLE SIDED ADHESIVE TAPE

45050 Double Sided Adhesive Tape, 2" x 750' Roll

- **Pressure sensitive adhesive with release liner**
Use on mats that slide around or curl and create a tripping hazard; great choice for securing mats to metal carts and workstation surfaces.
- **Made in America**

Drawing 45015



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