

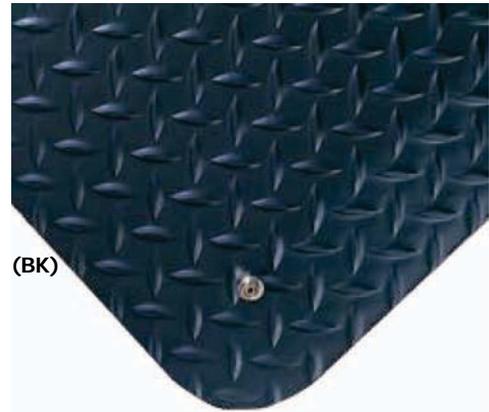
Electrically Conductive Anti-Fatigue No. 786

BEST Performance

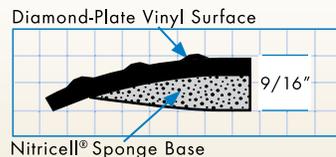
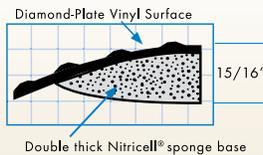
Defined by its ability to quickly drain static electricity from workers, Electrically Conductive Anti-Fatigue effectively protects sensitive equipment and products from damage. It also prevents the incidence of sparks caused by static. Designed to dramatically reduce fatigue, the Nitricell® sponge base is a Nitrile rubber composite designed for resilience and long-term performance.

RTT - 5×10^5 to 1×10^7 ohms	
RTG - 5×10^5 to 1×10^7 ohms	
Standard	UltraSoft
9/16"	15/16"

Also available in Smooth
 with an RTG of 1×10^4 to
 1×10^6 ohms.



(BK)



Electrically Conductive Anti-Fatigue Facts

Wearwell **Innovation**—1992
 3 Year Warranty

Electrically Conductive Anti-Fatigue Sizes

Stock Sizes	Non-Stock Sizes
Ship in 1 Business Day	Ship in 2 Business Days
2' x 3'	3' x 75'
3' x 5'	3' Cut up to 75'



Required Accessories for ESD Matting

15' Ground Cord No. 793.15Cord

Connect all ESD tabletop and floor mats to a building or ground.



Heel Gronder No. 793.HG

Allows static electricity to pass from the worker to the ESD matting or flooring. The velcro loop allows for easy attachment.





Electrically Conductive Anti-Fatigue No. 786 (Diamond-Plate) Spec Sheet

INTENDED USES

For use where electro-static discharge can harm products and equipment. In addition to protecting sensitive equipment, Electrically Conductive Anti-Fatigue also supports standing workers and keeps them comfortable throughout long shifts. This mat is truly conductive and very useful in areas with particularly sensitive equipment. For maximum effectiveness, ground the mat and keep the surface clean.

DETAILS AND COMPOSITION

Compound	5/32" thick Vinyl surface bonded to a 3/8" thick Nitricell TM sponge base. Nitricell TM is a unique blend of Nitrile rubber and PVC.
Edges	Safety beveled. This is a <u>true safety bevel</u> because unlike other manufacturers, we machine bevel the sponge before we adhere it to the surface. This process allows the sponge to gradually taper down to the floor. Then the surface is permanently adhered to the sponge so that the mat has no choice but to lay flat.
Thickness	9/16"
Overall Weight	1.5 lbs. per sq. ft.
Stock Sizes	2' x 3' 3' x 5'
Non-stock Sizes	Rolls 3' x 75'
	Cut Lengths 3' wide up to 75' long
Color	Black
Grounding	Each mat has a grounding snap in the lower left-hand corner

CHEMICAL RESISTANCE (SURFACE)

Chemical	Ranking	Chemical	Ranking
Acetic Acid 30%	Fair	Nitric Acid (dilute)	Good
Butyl Alcohol	Fair	Nitric Acid 30%	Great
Carbon Tetrachloride	Fair	Potassium Permanganate (dilute)	Good
Chromic Acid (dilute)	Good	Sodium Perborate	Good
Hydrogen Peroxide (dilute)	Good	Sodium Hydroxide	Fair
Most acids	Good	Sulfuric Acid (dilute)	Great
Most alkalis	Good	Water	Great

Note: Please call for additional results, technical assistance or to request a small sample for testing.

TEST SPECIFICATIONS AND RESULTS

Property	Test	Results
RTT (Resistance Top to Top)	EOS/ESD 7.1-1994	5x10 ⁵ ohm to 5x 10 ⁶ ohm
RTG (Resistance to Ground)	EOS/ESD 7.1-1994	5x10 ⁵ ohm to 5x 10 ⁶ ohm
Flammability (surface)	MVSS 302	"A" Rating. It has a flame spread of < 1.6 and is labeled self-extinguishing.
Flammability (sponge)	MIL-P12420C	Burned for < 5 seconds
Impact Absorption	ASTM F355	Peak Deceleration 8.94 g Duration, Msec 119.0
Coefficient of Friction	ASTM F1677	Dry: COF = .68 Wet: COF = .17
Compression Deflection	ASTM D575	Deflection @35 psi, mm=8.43
Abrasion Resistance	ASTM C501	Wear Index, 1/g=173
Tabor Abrasion	Federal Standard 191	
	1000g, CS-17 wheel, 1000 revs	.2797g lost (-.81%)
	1000g, CS-17 wheel, 2000 revs	.5436g lost (-1.58%)
	1000g, CS-22 wheel, 1000 revs	1.498g lost (-4.33%)
	1000g, CS-22 wheel, 2000 revs	2.617g lost (-7.55%)
Tensile Strength	ASTM D412	Longitudinal 1259 psi Transverse 1074 psi
Elongation	ASTM D412	Longitudinal 165% Transverse 151%
Tear Strength	ASTM D412	Longitudinal 14.3 lbs. Transverse 9.5 lbs
Density (sponge)	Wearwell Requirements	> 7 lbs./ft ³
Accelerated Compression	ASTM D395-98	< 20%
Ozone Resistance	ASTM D-1171	Excellent
Temperature Range	ASTM D1056	-10 to 130 degrees Fahrenheit

CLEANING RECOMMENDATIONS

When cleaning ESD mats, it is important to sweep or dry mop the surface regularly. Also wet mop or wipe off with mild soap or a static control cleaning solution that will not leave a residue. This will allow the mat to continue to function efficiently.

HOW TO ORDER

For more information or to place an order, contact All-Spec Industries at 1-800-537-0351 or sales@all-spec.com. To view this product in color, please visit www.all-spec.com or www.wearwell.com.

LIMITED WARRANTY

Limited Warranty

The materials and workmanship used in the construction of Wearwell® Electrically Conductive Diamond-Plate Mats are guaranteed under normal conditions of usage for **three years** after the date of shipment. If the purchaser discovers a defect in the materials or workmanship of a Wearwell® mat within the warranted time after the date of shipment, Tennessee Mat Company, Inc. will, at its own discretion, either i.) repair the nonconforming product, ii.) replace the product with the same or substantially similar product, or iii.) reimburse the buyer for the pro-rated purchase price of the nonconforming product.

Tennessee Mat Company reserves the right to inspect the non-conforming mat(s) before repairing, replacing or reimbursing the buyer. Therefore, at the preference of Tennessee Mat Company, Inc., the mats must be returned or available for on-site inspection. Modifying or installing the mat may void the warranty. The decision to void this

warranty will be made at the sole discretion of Tennessee Mat Company.

To the maximum extent permitted by law, Tennessee Mat Company's liability shall not exceed the purchase price of the product; Tennessee Mat Company shall not be liable for any incidental, consequential, special, and indirect or punitive damages (including without limitation, damages from lost business, profits or goodwill).