

WeldMaster Welding Safe Anti-Fatigue Mats

Spec Sheet



INTENDED USES:

Designed specifically for use in welding areas, WeldSafe's 9/16" thick and thicker 7/8" surfaces expertly repel sparks and hot metal shards. It offers extra durability in heavy use situations and has a higher melt point of over 500°F. These mats contain a super resilient, Nitricell sponge base, which has a PVC/Nitrile rubber blend that offers immediate rebound and unparalleled support and comfort. Depend on WeldSafe to out-perform traditional anti-fatigue matting in spot-welding applications. WeldSafe Mats can be made with custom cuts & configurations. Environmental Green Rating: 33% Recycled Content

DETAILS AND COMPOSITION:

Compound	1/8" thick rubber surface bonded to a 3/8" or 3/4" thick sponge base
Thickness	1/2" or 7/8"
Overall Weight	1.1 Lbs/SF (1/2" Thickness) or 1.6 Lbs/SF (7/8" Thickness)
Stock Sizes	Standard and custom widths and lengths available
Colors	Solid Black

TEST SPECIFICATIONS AND RESULTS:

Property	Test	Results
Flammability (surface)	MVSS 302	"A" Rating. It has a flame spread of < 1.6 and is labeled self-extinguishing.
Flammability (sponge)	DOC FF1-70	Flame Retardant Rating. When tested with the methenamine tablet, it will yield a char diameter < = 0.5 inches.
Tensile Strength	ASTM D412	Longitudinal 130+/-20 psi
Elongation	ASTM D412	Longitudinal 125% Minimum
Tear Strength	ASTM D412	Longitudinal 14.3 lbs. Transverse 9.5 lbs
Density (sponge)	Wearwell Requirements	> 20 lbs./ft ³
Accelerated Compression	ASTM D395-98	< 20%
Ozone Resistance	ASTM D-1171	Excellent
Temperature Range	ASTM D1056	20 to 110 degrees Fahrenheit

CHEMICAL RESISTANCE (SURFACE):

Chemical	Ranking	Chemical	Ranking
Acetic Acid 30%	Fair	Nitric Acid (dilute)	Good
Butyl Alcohol	Fair	Nitric Acid 30%	Good
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.

CLEANING RECOMMENDATIONS:

Sweep regularly or dry mop the surface. These mats can be wet mopped with mild soap or detergent. For best results use a detergent like Ivory Liquid with a ph between 4.0 – 9.0.

LIMITED WARRANTY:

The materials and workmanship used in the construction of all Corrugated Spongecote Anti-Fatigue Mats are guaranteed under normal conditions of usage for two years from the date of shipment.

If the purchaser discovers a defect in the materials or workmanship of the mat within the warranted time after the date of shipment, American Floor Mats 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.

American Floor Mats reserves the right to inspect the non-conforming mat(s) before repairing, replacing or reimbursing the buyer. Therefore, at the preference of American Floor Mats, the mats must be returned or available for on-site inspection. Modifying or installing the mat may void the warranty.

To the maximum extent permitted by law, American Floor Mats' 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).