

Ergomat Softline Welding Mat

Softline is designed for areas where resistance to oil, acids, petrochemicals, and heat is a critical requirement, making it an ideal ergonomic mat for welding and metalwork. Softline is available in three colors to facilitate protection against cross-contamination hazards. The Softline Mat is also resistant to exposure to many chemicals and hot metal shavings (spark resistant) with brief exposures up to 600°C (1112°F). Most recommended Welding Mat in the industry.

Softline



BEVELED EDGE

WELDING & SPARK
SAFE

ANTI-SLIP

HOLES CAN BE
ADDED

1 Profile

Softline



Thickness .62" (1.5 cm)

BENEFITS

ERGONOMIC: Designed to stimulate circulation in feet, legs, and lower back. Circulation is stimulated by the unique, patented surface profile of Ergomat mats, which forces muscular response.

BEVELED EDGES: Always molded w/ bevels. Bevels will never curl up, eliminating trip hazards.

WELDING AND SPARK SAFE: Service temperature range -40°C (-40°F) to 90°C (195°F)

ANTI-SLIP: Gripping surface texture provides exceptional traction for increased safety against slips and falls. Perfect ergonomic mat for exceptionally oily or wet environments.

HOLES CAN BE ADDED: In situations with excessive fluid volume or the need to promote air flow, Softline can have holes added.

SILICON FREE: All Ergomat mats are silicon & latex free.

TRUE WARRANTY: Ergomat stands 100% behind our products with full replacement coverage if our product fails to perform as promoted within that period. At Ergomat we call this a *True Warranty*.

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ERGOMAT SOFTLINE SOFTLINE

Material.....	Nitrile Rubber
Color	Black
Weight.....	4600 g +/- 50 g // 10 lbs +/- 1.75 oz
Length without beveled edges ..	89,5 cm +/- 1% // 35.5" +/- 1%
Width without beveled edges...	60 cm +/- 1% // 23.6" +/- 0.38"
Thickness	15 mm // 0.625"
Density.....	1370 kg/m ³ +/- 10 % ISO 2781
Hardness	50 - 60 Sh A DIN 53505
Abrasion Load = 5 N	92 mm ³ // 31.5 in ³ ISO 46 49 (5 N)
Electrical Resistance Surface point to point % 50 RH.....	>1x10 ¹⁰ Ω IEC-61340 4-1/ ESD STM7.1-2001
Breaking Point/Tensile Strength	10, 8 Mpa EN ISO 527-1
Elongation at Break.....	790 % EN ISO 527-1
Tearing Strength	28 N/mm ASTM D 624
Insulation Resistance.....	11 kV EN 60 335-1994
Thermal Conductance	3,3 W/m/°C Table Value
Thermal Properties	
Minimum use	-40°C // -40°F
Maximum use	90°C // 194°F
Maximum short duration	150°C // 300°F
Flame Point	400°C // 752°F
UV-Resistance.....	Inferior
Warranty.....	3 years