



## 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



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 <sup>3</sup> +/- 10 % ISO 2781
Hardness .....	50 - 60 Sh A DIN 53505
Abrasion Load = 5 N .....	92 mm <sup>3</sup> // 31.5 in <sup>3</sup> ISO 46 49 (5 N)
Electrical Resistance Surface point to point % 50 RH .....	>1x10 <sup>10</sup> 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