



LED-MATTEN

 **Screwdriving technology**

 **Workspace Organisation**

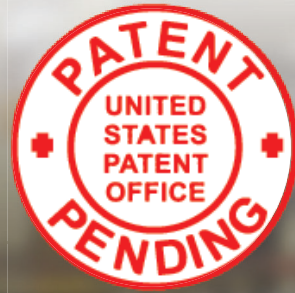
 **Safety & Ergonomics**



Your Assembly Workspace Partner

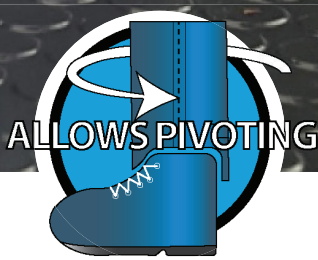
LED Mat

Shed more light on floor level and overhead assembly, repair and quality assurance tasks with this innovative LED flooring solution. Designed to illuminate work area with direct LED lighting and reflected light from silver flooring surface. Diffusing lens balances lighting pattern for underbody assembly and quality assurance functions in paint and other critical departments. Available in 2 profiles: **Infinity Deluxe** and **Softline**.



INFINITY DELUXE

SOFTLINE



2 Profiles

Infinity Deluxe (Smooth)



Thickness .62" (1.5cm)

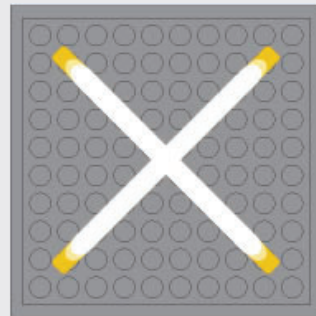
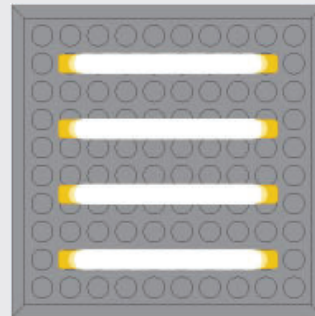
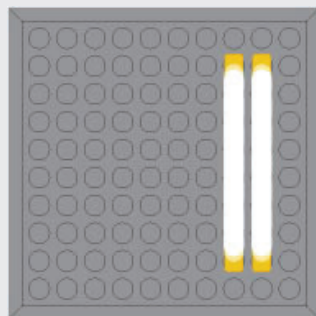
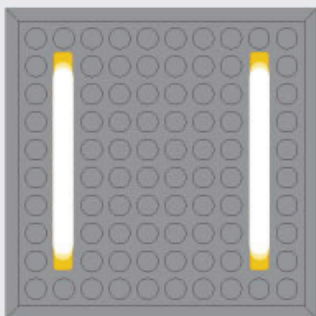
Softline



Thickness .6" (1.5 cm)

SILICON FREE: All Ergomat mats are silicon free.

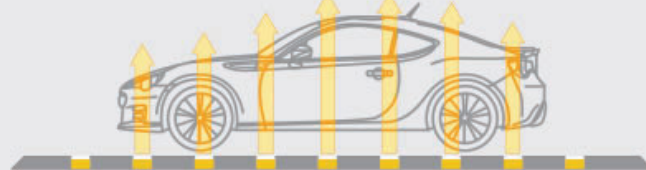
LED LIGHTING PATTERNS



UNDERBODY LIGHTING



LOWER PANEL LIGHTING



X PATTERN AND PERPENDICULAR PAINT INSPECTION

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Rev. 11/28/2018

LED Mat

	INFINITY DELUXE	SOFTLINE
Material.....	Foamed Polyurethane	Nitrile Rubber
Color	White, Black, Silver, Stainless, Blue, Red	Black, Grey, Blue
Weight.....	2775 g +/- 50 g // 6.1 lbs +/- 0.1 lbs	4600 g +/- 50 g // 10 lbs +/- 1.75 oz
Length without beveled edges ..	91 cm +/- 1% // 35.5" +/- 1%	89.5 cm +/- 1% // 35.5" +/- 1%
Width without beveled edges...	60 cm +/- 1% // 23.6" +/- 0.38"	
Thickness	15 mm // 0.625"	
Density.....	400 kg/m ³ +/- 10 % ISO 2781	1370 kg/m ³ +/- 10 % ISO 2781
Hardness	33-38 Sh A	50 - 60 Sh A DIN 53505
Abrasion Load = 5 N	NA	92 mm ³ // 31.5 in ³ ISO 46 49 (5 N)
Electrical Resistance Surface point to point % 50 RH.....	3x10 ⁹ Ω-5x10 ⁹ Ω IEC-61340 4-1/ ESD STM7.1-2001	>1x10 ⁹ Ω IEC-61340 4-1/ ESD STM7.1-2001
Breaking Point/Tensile Strength	NA	10, 8 Mpa EN ISO 527-1
Elongation at Break.....	NA	790 % EN ISO 527-1
Tearing Strength	NA	28 N/mm ASTM D 624
Insulation Resistance.....	NA	11 kV EN 60 335-1994
Thermal Conductance	NA	3,3 W/m/°C Table Value
Thermal properties		
Minimum use	5°C//40°F	-40°C // -40°F
Maximum use	27°C//81°F	90°C // 194°F
Maximum short duration	NA	150°C // 300°F
Flame Point	NA	400°C // 752°F
UV-Resistance.....	NA	Inferior

Portable LED Kneeling Mat

Bring detailed task lighting directly to work level with Ergomat's LED Kneeling Pad. This 18"x24" (45 x 60cm) pad conveniently improves lighting for any floor level or overhead assembly, maintenance or repair task while also providing a comfortable surface for kneeling or standing while working. Two strips of bright white LED are built into the mat to illuminate work from the ground up. Specify the mat to be supplied with lighting oriented straight up at 120° to facilitate overhead tasks, or directed at a 45° angle for working laterally at floor level. Power for the LED is supplied by a self-contained, re-chargeable battery which can be managed to last a full 8-hour shift. Comes in the [Infinity Deluxe](#) Profile.

LED KNEELING MAT

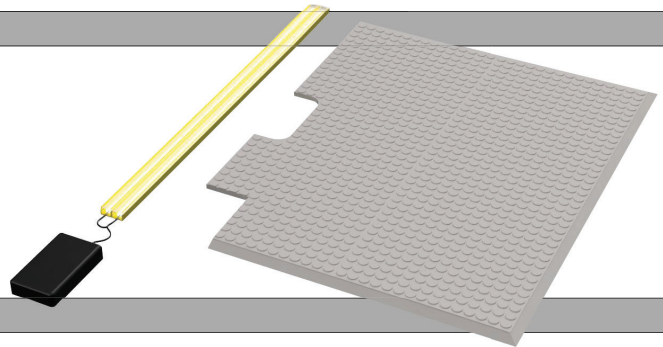


Profile

Infinity Deluxe



Thickness .62" (1.5cm)



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 : Molded w/ bevels. Bevels will never curl up, eliminating trip hazards.

ISO CLEANROOM CERTIFIED : Infinity mats are ISO Cleanroom Class 5 (Class 100) rated.

AVAILABLE SIZE: 18"x24" (45cm x 60cm)

SILICON FREE: All Ergomat mats are silicon free.

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