

Ergomat 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



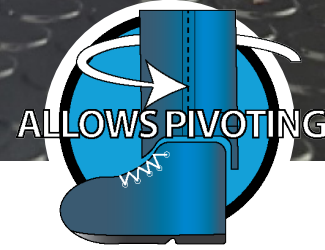
ERGONOMIC



BEVELED EDGE



ANTI-STATIC



ALLOWS PIVOTING



LED STRIP

2 Profiles

Infinity Deluxe (Smooth)



Thickness .62" (1.5cm)

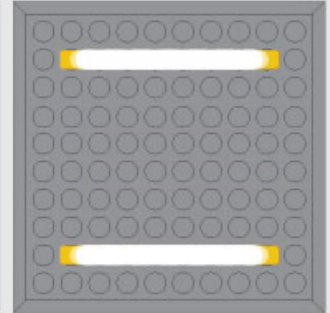
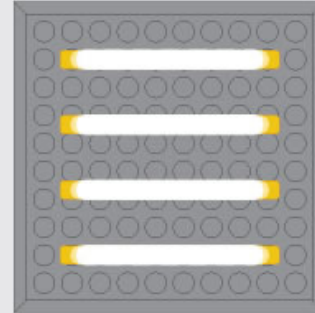
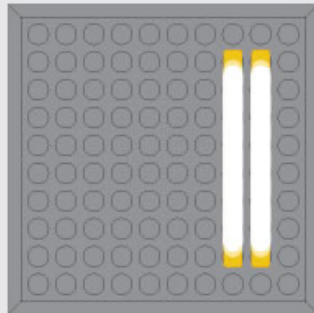
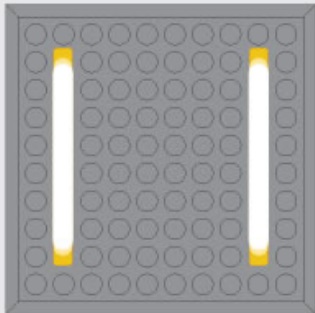
Softline



Thickness .6" (1.5 cm)

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

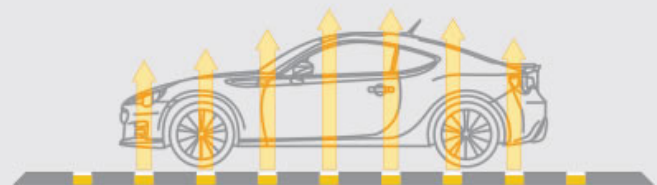
LED LIGHTING PATTERNS



UNDERBODY LIGHTING



LOWER PANEL LIGHTING



PERPENDICULAR PAINT INSPECTION

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Ergomat LED Mat

	INFINITY DELUXE	SOFTLINE
Material.....	Foamed Polyurethane	Nitrile Rubber
Color	Black, Silver, Stainless, Blue	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