

ERGOMAT INDUSTRY

Material.....	Nitril Rubber
Color.....	Black
Weight.....	12,500 g +/- 100 g // 27.6 lbs +/- 3.5 oz
Length without beveled edges	121 cm +/- 1% // 47.6" +/- 1%
Width without beveled edges	91 cm +/- 1% // 35.8" +/- 1%
Thickness.....	1.9 cm // 0.75"
Density.....	1370 kg/m ³ +/- 0,75 % ISO 2781
Hardness.....	50-60 Sh A ISO 868
Abrasion Load = 5 N.....	92 mm ³ // 3.6 in ³ ISO 46 49 (5 N)
Electrical Resistance Surface point to point % 50 RH.....	>1 x 10 ¹⁰ Ω IEC-61340 4-1/ESD STM7.1-2001
Elongation at Break.....	817% ISO 37
Tearing Strength.....	28 N/mm ISO 34 Method C
Insulation Resistance.....	NA
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 Table Value
UV-Resistance.....	Inferior
Cleanroom Application.....	ISO Class 5 (100) EN ISO 14644-1
Warranty.....	5 years