

ORHO MAT Q&A

Question	Answer
About ORTHO MAT	
What kind of product is ORTHO MAT?	These mats reduce the fatigue of the legs when standing.
What are the features of ORTHO MAT?	①Improve standing work. ②Good cushioning ③Excellent durability ④Safety
Origin of name	Origin of Orthopaedics
How to use	Use it at the feet of those who are standing
Why reduce fatigue?	The highly responsive ergonomic cushion relieves body pressure, promotes blood flow, and relaxes muscles by reducing fatigue.
Effects of ORTHOMAT other than fatigue reduction	①Resistant to fire and heat ②Oil and water resistant ③Chemical resistance ④High temperature and humidity resistance
Process / place suitable for use	①assembly ②Painting / Coating ③Lathe / Milling machine ④Cutting / polishing ⑤Inspection ⑥Logistics / Warehouse ⑧In front of machine tools etc...
service life	3-7 years
Material / Raw material	Foam of nitrile rubber · PVC (part)
Features of foam rubber	Closed-cell foam *Antonym=Open cell foam **Washing sponge, etc. Excellent elasticity compared to open cells Non-water absorption, non-oil absorption
Target industry	Car / motorcycle manufacturer Machine tool manufacturer Heavy machinery and construction machinery manufacturers Electronic manufacturer Building material manufacturers Elevator manufacturer Metal manufacturer Plastic manufacturers Glass manufacturers Pharmaceutical manufacturers Food manufacturers Logistics company R & D facilities / universities hospital Supermarket, chain store
Major customers	TOYOTA, NISSAN, MITSUBISHI, HONDA, MAZDA, YAMAHA, KOMATSU, Kubota Panasonic, HITACHI, SONY, KOBELCO, DAIKIN, TEIJIN etc...
Difference of no hole and hole	No-hole : Can be used anywhere hole : Can be used anywhere, but ideal for places where water is used
Function	
Oil resistance type	Industrial oil, Vegetable oil, Meat oil, Fish oil
Do you slip with oil?	Non-slip due to special embossing on the front and back surfaces

Chemical resistance type	Acid, alcohol *There is no problem even if the organic solvent is temporarily immersed
Water resistant	Water is not spoiled inside the mat because it does not absorb water by the closed cell
Heat-resistant	Hard to stab metal chips Does not burn by sparks or spatter
Heatproof temperature	-40 °C ~ +130 °C
Negative question	
Price is high	Because it is durable and can be used for many years, running costs are low.
Too soft	You may feel a little uncomfortable at first compared to a hard floor, However, the design has been a cushion based on ergonomics, it will be comfortable and start using.
Other's question	
How many color variations are there?	2 types (gray and black)
Can custom size be made?	Only ready-made size.
How to wash when dirty?	Use a household detergent and wash with water *Wash with a deck brush and high pressure washer
Can I change the thickness of the mat?	Can not do (Standard size 19mm, Roll size 15mm/9mm)
Is it possible to pass forklifts and carts?	There is no problem if it passes instantaneously. But, in the case of a handcart, it is difficult to move when the weight exceeds 100 kg.