

TECHNICAL DATA SHEET



ANTI-SLIP RUBBER MAT

APPLICATION	It does apply to the ground pavement in the hotel, gymnasium, meeting room walkway, kitchen, warehouse, toilet and etc. It has the merits of anti-slip, body building and beautiful appearance.
SPECIFICATION	A: 15mm x 900mm x 1500mm (3/5" x 35" x 59") B: 22MM x 1000mm x 1480mm (7/8" x 39" x 58") C: 12MM x 805mm x 1010mm (1/2" x 32" x 40") D: 12mm x 914mm x 1524mm (1/2" x 36" x 60")
PERFORMANCE	Good Elasticity, Anti-Slip and Anti-Shock
LUSTER	It is available in Red, Black, Blue, Green, Brown and other colours for your choice.
PACKAGE	3-5 plate/piece, packing with woven bag or the walkway board is packed through rolling.



Note : All information data quoted are based on our extensive tests and years of experience. However, they can only serve as guide values. Failure to select proper sealing products could result in property damage and/ or serious injury. Specifications are subject to change without prior notice.

TECHNICAL DATA SHEET



NEOPRENE RUBBER SHEET

APPLICATION	It is used in electronic and hot-going occasion, and also used as oil resisting materials.
SPECIFICATION	1 ~ 80MM (T) x 100 ~ 2000MM (W)
SPECIFIC GRAVITY	1.45 ~ 1.60g/cm ³
TENSILE STRENGTH	2.5 ~ 4.5 MPA
HARDNESS	60 ~ 80 Shore A
ELONGATION	200% ~ 350%
TEMPERATURE	30°C ~ 100°C

** Two sides can be smooth, or fabric pattern.*

** Fabric insertion available for request*



Note : All information data quoted are based on our extensive tests and years of experience. However, they can only serve as guide values. Failure to select proper sealing products could result in property damage and/ or serious injury. Specifications are subject to change without prior notice.



**TBJ SEALING
TECHNOLOGIES**



**TBJ-UTEX
INDUSTRIES**

TECHNICAL DATA SHEET



E.P.D.M. RUBBER SHEET

APPLICATION	It is applying to the rubber construct of bridge engineering, roof water proof, rubber washer and sealing fittings.
SPECIFICATION	1 ~ 50MM (T) x 100 ~ 2000MM (W)
PERFORMANCE	Anti-aging, ozone bearing, good electric performance and anti-tired
SPECIFIC GRAVITY	1.40g/cm ³
TENSILE STRENGTH	4.0 ~ 8.0 MPA
HARDNESS	55 ~ 80 Shore A
ELONGATION	250% ~ 350%
TEMPERATURE	30°C ~ 140°C

** Two sides can be smooth, or fabric pattern.*

** Fabric insertion available for request*



Note : All information data quoted are based on our extensive tests and years of experience. However, they can only serve as guide values. Failure to select proper sealing products could result in property damage and/ or serious injury. Specifications are subject to change without prior notice.



**TBJ SEALING
TECHNOLOGIES**



**TBJ-UTEX
INDUSTRIES**

TECHNICAL DATA SHEET



NEOPRENE RUBBER SHEET with NYLON WELT and FABRIC INSERTION

APPLICATION	It is an oil proof material, which can be used as the selling in the oil tank and oil pipeline.
SPECIFICATION	1 ~ 80MM (T) x 100 ~ 2000MM (W)
PERFORMANCE	It comes with middle pressure, good oil proof, anti-shock and sealing performance
SPECIFIC GRAVITY	1.40g/cm ³
TENSILE STRENGTH	20.0 MPA
HARDNESS	65 ~ 70 Shore A
ELONGATION	350%
TEMPERATURE	-30°C ~ 120°C

** Two sides can be smooth, or fabric pattern.*

** Fabric insertion available for request*



Note : All information data quoted are based on our extensive tests and years of experience. However, they can only serve as guide values. Failure to select proper sealing products could result in property damage and/ or serious injury. Specifications are subject to change without prior notice.



**TBJ SEALING
TECHNOLOGIES**



**TBJ-UTEX
INDUSTRIES**

TECHNICAL DATA SHEET



NEOPRENE RUBBER SHEET with INSERTION

APPLICATION	It is used in electronic and hot-going occasion, and also used as oil resisting materials.
SPECIFICATION	1 ~ 80MM (T) x 100 ~ 2000MM (W)
SPECIFIC GRAVITY	1.35 ~ 1.60g/cm ³
TENSILE STRENGTH	3.0 ~ 10.0 MPA
HARDNESS	60 ~ 80 Shore A
ELONGATION	220% ~ 420%
TEMPERATURE	30°C ~ 100°C

** Two sides can be smooth, or fabric pattern.*

** Fabric insertion available for request*



Note : All information data quoted are based on our extensive tests and years of experience. However, they can only serve as guide values. Failure to select proper sealing products could result in property damage and/ or serious injury. Specifications are subject to change without prior notice.

TECHNICAL DATA SHEET



WHITE NEOPRENE RUBBER SHEET

APPLICATION	It is used in electronic and hot-going occasion, and also used as oil resisting materials.
SPECIFICATION	1 ~ 80MM (T) x 100 ~ 2000MM (W)
SPECIFIC GRAVITY	1.60g/cm ³
TENSILE STRENGTH	3.5 MPA
HARDNESS	65 +/- 5 Shore A
ELONGATION	250%
TEMPERATURE	30°C ~ 100°C

** Two sides can be smooth, or fabric pattern.*

** Fabric insertion available for request*



Note : All information data quoted are based on our extensive tests and years of experience. However, they can only serve as guide values. Failure to select proper sealing products could result in property damage and/ or serious injury. Specifications are subject to change without prior notice.

TECHNICAL DATA SHEET



**TBJ SEALING
TECHNOLOGIES**



**TBJ-UTEX
INDUSTRIES**



VITON RUBBER SHEET

APPLICATION	Apply to punching seals, sealing ring, cylinder lining which are high oil-proof, inflaming retarding, high temperature resistance and strong anti-corrosion, they are also used in spaceflight & aviation fields.
SPECIFICATION	1 ~ 20MM (T) x 100 ~ 2000MM (W)
SPECIFIC GRAVITY	2.00g/cm ³
TENSILE STRENGTH	8.0 MPa
HARDNESS	75 +/- 5 Shore A
ELONGATION	300%
TEMPERATURE	-30°C ~ 130°C

** Two sides can be smooth, or fabric pattern.*

** Fabric insertion available for request*



Note : All information data quoted are based on our extensive tests and years of experience. However, they can only serve as guide values. Failure to select proper sealing products could result in property damage and/ or serious injury. Specifications are subject to change without prior notice.

Calendered Sheet Thickness Tolerances Generally To BS3734 Class E2 (See Price List)

Nominal Above	Dimension Up To	(Values in mm) +/-
0.3	0.8	0.10
0.8	2.5	0.20
2.5	4.0	0.25
4.0	6.3	0.35
6.3	10.0	0.40

Specific Design Tolerances

Closer tolerances are achievable to a specific design band down to ± 0.1 mm. To be agreed prior to manufacture.



Silicone Rubber Sheet – Translucent

The following tables and specifications are meant as a guideline applicable to standard 'in-house' technical/external medical grades of silicone sheet to FDA 21 CFR 177.2600 and WRC elastomer approvals, including ex-stock technical grade silicone rubber sheet. A high quality class 2 product, non-implant grade.

Ex stock material colours available: white, R.I.O., Translucent and black. Colour variations to bs or ral spec numbers to special order (chart available) min. 50M.

Polymer type: vmq

Electrical specifications to bs2848.

Typical Physical Properties And Values

Hardness, Shore A $\pm 5^\circ$ Din 53505	60
Specific Gravity (Density) Din 53479	1.2
Tensile Strength, Mpa Din 53504	6.0
Tear Strength, N/Mm Min. Astm D 624 Form B	17.0
Elongation At Break, % Din 53504	400
Brittle Temperature $^\circ\text{C}$	-73 $^\circ$
Max Operating Temperature Range (Constant) $^\circ\text{C}$	-60 $^\circ$ /+250 $^\circ$
Rebound Resilience Din 53512	30%
Compression Set (70 Hr. @ 150 $^\circ\text{C}$) +/-10% Din 53517	50%

Electrical (Post-cured samples)

Volume Resistivity, Cm	10 ¹⁵
Dielectric Strength, Kv/Mm (1Mm Thick Sample)	23
Dissipation Factor, Tan (50 Hz)	40X 10 ⁻⁴
Dielectric Constant (50 Hz)	2.9

Thermal

Thermal Conductivity, Watts/Km 0 $^\circ$ -90 $^\circ\text{C}$ (Kelv/M) 90 $^\circ$ -260 $^\circ\text{C}$	0.15 MAX 0.17
--	------------------

