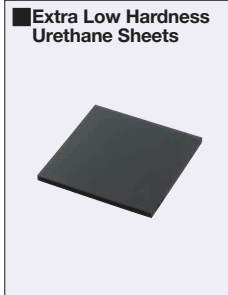


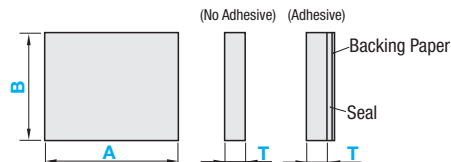
Extra Low Hardness Urethane Sheets, Silicone Gel Sheets

With more resistance to permanent compression deformation than conventional urethane, it is more durable. The softness of Shore A15 is about firm gelatin.



Extra Low Hardness Urethane Sheets

SUTLL (No Adhesive)
SUTLLA (Adhesive)



Accuracy Standards ⚠ The tolerances are verified at 23°C±2 and 40 ~ 80% humidity.

T Dimension Tolerance ⚠ Edges may remain white after cutting.

Dimensional Tolerances of A and B

5, 10	15-25	30
±0.4	±0.8	±1.0
200mm or Less	205-250	
+3	+5	
0	0	

M Material Extra Low Hardness Urethane (Black)
H Hardness Shore A15 (High Impact Resilience)

Part Number	5mm Increment		
Type	T	A	B
	5		
No Adhesive SUTLL	10	10~250	10~250
	15		
Adhesive SUTLLA	20		
	25		
	30		

⚠ A ≥ B ≥ T



Ordering Example Part Number - A - B
SUTLL5 - 250 - 100

Part Number	Type	T	A	Unit Price		
				B		
				10-100	105-200	205-250
5	No Adhesive SUTLL (x1.0)		10-100		-	-
			105-200		-	-
			205-250		-	-
10	No Adhesive SUTLL (x1.0)		10-100		-	-
			105-200		-	-
			205-250		-	-
15	No Adhesive SUTLL (x1.0)		10-100		-	-
			105-200		-	-
			205-250		-	-
20	Adhesive SUTLLA (x1.2)		10-100		-	-
			105-200		-	-
			205-250		-	-
25	Adhesive SUTLLA (x1.2)		10-100		-	-
			105-200		-	-
			205-250		-	-
30	Adhesive SUTLLA (x1.2)		10-100		-	-
			105-200		-	-
			205-250		-	-

Features of Extra Low Hardness Urethane

- High physical strength that cannot be obtained from conventional soft materials.
- MISUMI original material that suppresses self-adhesion, which is the problem of soft material.
- This material has high resistance against impact, and little permanent compression.
- It has the same properties as other polyurethane.

Comparison of Characteristics

Properties	Extra Low Hardness Urethane	Nitrile	Ethylene	Silicon	Fluorine
Impact Resilience	⊙	○	○	⊙	△
Compression Set	⊙	○	○	⊙	○
Abrasion Resistance	⊙	○	○	×	⊙

⊙ - Excellent ○ - Good △ - Acceptable × - Not Acceptable

⚠ The price of this product is the unit price shown in the table multiplied by material multiplier:

(Ex) Part Number - A - B >> (Unit Price) x Material Multiplier = Unit Price of Standard Type
SUTLLA10 - 200 - 150 >>

Silicone Gel Sheets



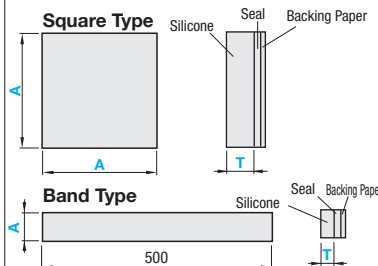
RoHS10

Part Number		Material	Hardness (Penetration)	Color
Square Type	Band Type			
GELS	GELT	Silicone	55	Milky White

⚠ Operating Temperature Range: -40 ~ 100°C

⚠ The values of hardness are reference values.

⚠ Penetration: JIS K2207 See **P.410**.



Part Number	Type	T	A Selection	Unit Price			
				A			
				10	20	50	100
GELS (Square)			1				
			2	50			
			3	100			
GELT (Band)			1				
			2	10			
			3	20			

⚠ Silicone is an artificial compound made from silicone.

⚠ It can be cut with adhesive side up with a utility knife, etc.

⚠ Gel surface has an antistick treatment applied.

⚠ Reference: Adhesive Strength (180 Degree Peeling Strength): 14.5N/25mm Width (when affixed to SUS304)

⚠ As pressure sensitive adhesive is used, be sure to apply sufficient pressure so that the joint sections may firmly adhere to each other.

⚠ 75µm PET film is used as base material.

⚠ Oil may ooze out to the backing paper.



Ordering Example Part Number - A
GELS1 - 50



Example

Can be used as vibration control materials and cushioning materials.

