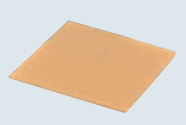


Urethane Sheets with Oil-Resistant Adhesives

Urethane sheets with peel-and-stick backing adhesives adhere well to oily surface.

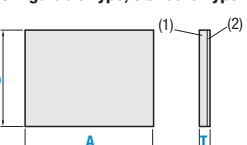
Urethane Sheets with Oil-Resistant Adhesives



Type		(1) Material	Hardness	Color	(2) Adhesive Surface
A / B Selectable	A / B Configurable				
NTUS	NTUSF	Ether	Shore A95	Natural Color	Special Acrylic Adhesive Material
NTUH	NTUHF	Polyurethane	Shore A90		
NTUM	NTUMF	Ester	Shore A70		
NTUL	NTULF	Polyurethane	Shore A50		

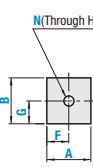
(1) Properties P2568. Equivalent to the urethane of the similar hardness.
 (2) Heat resistance up to 70°C.
 (3) The adhesive tape may tear from the body. Please use it as temporary fixing, or in combination with bolt fixing.

A / B Selectable Type, A / B Configurable Type, Standard Type




A / B Configurable Type – Hole Type

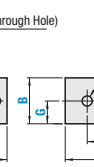
1 Hole 1H



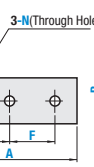
2 Hole 2H



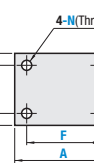
3 Hole 3H



4 Hole 4H



6 Hole 6H



For hole types, specify nominal diameter.

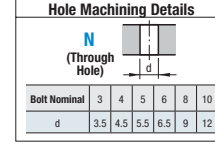
Precision Standards

T Dimension Tolerance

A / B	Tolerance
200 or Less	±0.5
201-300	±1.0
301-400	±1.2
401-500	±1.5

±0.3 (Including Adhesive Part 80 μm)

Hole Machining Details



Bolt Nominal	3	4	5	6	8	10
d	3.5	4.5	5.5	6.5	9	12

A / B Dimension Selectable Type Standard Type

Type	Part Number	T	Selection	
			A	B
NTUS NTUH NTUM NTUL	1	1	100	100
			200	200
			300	300
	2	2	400	400
			500	500
			3	3

A, B Dimension Configurable Type Standard Type / Hole Type

Type	Part Number	Nominal	T	1 mm Increment (A=B)		0.5 mm Increment		N
				A	B	F	G	
NTUSF NTUHF NTUMF NTULF	1H 2H 3H 4H 6H	1H 2H 3H 4H 6H	1	10-500	10-500	9-491 1H, 2H, 4H Type		3
						9-495 1H, 2H, 4H Type		4
						9-245 3H-6H Type		5
	2	2	2	3	3	9-491 3H-6H Type		6
								8
								10

- Dimension F Specification Range: For 1H: $d/2+2.5 \leq F \leq A-d/2-2.5$, for 2H, 4H: $d+5 \leq F \leq A-d-5$, for 3H, 6H: $d+5 \leq F \leq A/2-d/2-2.5$.
- Dimension G Specification Range: For 1H, 2H, 3H: $d/2+2.5 \leq G \leq B-d/2-2.5$, for 4H, 6H: $d+5 \leq G \leq B-d-5$.
- The upper limits of A and B are different between A, B Selectable Type and A, B Configurable Type.

Adhesive Strength (180° Peel Strength)

Item	Special Acrylic Type Adhesive		General Acrylic Adhesives (Reference Values)
	Ordinary Condition	*Oiled Surface	
Adhesive Strength (N)	11	9	3

*Oiled Surface: Salad oil is coated on stainless steel plate using absorbent cotton, and measurement is taken after two hours.
 Testing Method: 180° Peeling Test (25 μm thick and 25 mm wide PET film bonded to 304 Stainless Steel plate)

Part Number Example

Part Number - A - B - F - G - N

NTUS3 - 300 - 100
 NTUH3 - 100 - 100
 NTUSF4H2 - 150 - 100 - F140 - G40 - N3

Urethane Sheets with Oil-Resistant Adhesives

continued

A / B Dimension Standard Type (Standard Type)

Part Number	Type	T	A	Available Types				
				B100	B200	B300	B400	B500
NTUS NTUH NTUM NTUL	1	1	100	•	—	—	—	—
			200	•	•	—	—	—
			300	•	•	•	—	—
			400	•	•	•	•	—
			500	•	•	•	•	•
			100	•	—	—	—	—
	2	2	200	•	•	—	—	—
			300	•	•	•	—	—
			400	•	•	•	•	—
			500	•	•	•	•	•
			100	•	—	—	—	—
			200	•	•	—	—	—
	3	3	300	•	•	•	—	—
			400	•	•	•	•	—
			500	•	•	•	•	•

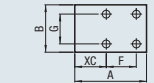
A / B Dimension Configurable Type (Standard Type / Hole Type)

Part Number	Type	T	A	Available Types				
				10-100	101-200	201-300	301-400	401-500
NTUSF NTUHF NTUMF NTULF	1	1	10-100	•	—	—	—	—
			101-200	•	•	—	—	—
			201-300	•	•	•	—	—
			301-400	•	•	•	•	—
			401-500	•	•	•	•	•
			10-100	•	—	—	—	—
	2	2	101-200	•	•	—	—	—
			201-300	•	•	•	—	—
			301-400	•	•	•	•	—
			401-500	•	•	•	•	•
			10-100	•	—	—	—	—
			101-200	•	•	—	—	—
	3	3	301-400	•	•	•	—	—
			401-500	•	•	•	•	—
			10-100	•	—	—	—	—

Part Number Alterations

Part Number - A - B - F - G - N - (XC, YC)

NTUMF4H3 - 100 - 80 - F65 - G40 - N4 - YC30

Alterations	Hole Position from Left	Hole Position from Bottom
		
Code	XC	YC
Spec.	XC=1 mm Increment 5 ≤ XC ≤ 486 (2H, 4H Type) $d/2+2.5 \leq XC \leq A-F-d/2-2.5$ (3H, 6H Type) $d/2+2.5 \leq XC \leq A-2F-d/2-2.5$	YC=1 mm Increment 5 ≤ YC ≤ 486 $d/2+2.5 \leq YC \leq B-G-d/2-2.5$