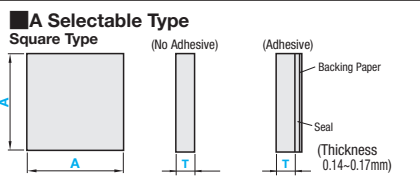
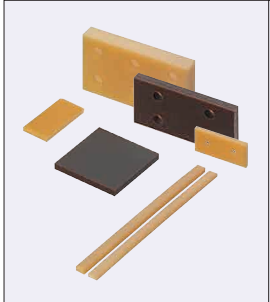


Highly Abrasion Resistant Sheets, Heat Resistant Urethane Sheets

Vulkollan® / Abrasion Resistant Urethane

■ Vulkollan® and Abrasion Resistant Urethane are 6 times and 2.5 times more abrasion-resistant than the standard urethane respectively, and Heat Resistant Urethane is capable of withstanding up to 120°C.
 ♣ A, B Configurable Adhesive Type is now available. ♣ For heat resistant urethane gasket products, see **P453**

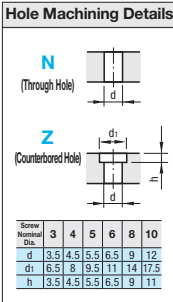


A Selectable Type		A, B Configurable Type		Material	Hardness	Color
No Adhesive	Adhesive	No Adhesive	Adhesive			
VULHS	VULHSA	VULHSS	VULHSSA	Super Abrasion Resistant Urethane Vulkollan® (Ester Polyurethane)	Shore A92	Beige
VULMS	VULMSA	VULMSS	VULMSSA	Abrasion Resistant Urethane (Ester Polyurethane)	Shore A68	Dark Brown
UTEXH	UTEXHA	UTEXHS	UTEXHSA		Shore A90	
UTEXM	UTEXMA	UTEXMS	UTEXMSA	Heat Resistant Urethane (Ester Polyurethane)	Shore A70	Brown
UTHHS	UTHHSA	UTHHSS	UTHHSSA		Shore A90	

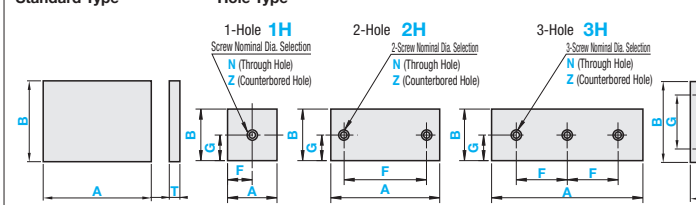
♣ Properties **P389**

■ Accuracy Standards

T Tolerance		A, B Tolerance	
T	Tolerance	A, B	Tolerance
1~4	±0.3	200 or Less	±0.5
5~10	±0.4	201~300	±1.0
15~30	±0.5	301~400	±1.2
		401~500	±1.5



■ A, B Configurable Type



♣ A, B dimension tolerance has been changed. Please refer to the accuracy standards on the right. ♣ Vulkollan® may experience discoloration with time, but physical property and characteristics remain unchanged.
 ♣ For Adhesive Type T4 or more, the adhesive tape may tear from the body. Please use it as temporary fixing, or in combination with bolt fixing.
 ♣ Temperature limit for seals is 80°C.

■ A Selectable - Square Type

Part Number		T	A Selection
Type			
No		(1)	300
Adhesive	Adhesive	(2)	
VULHS	VULHSA	(3)	
VULMS	VULMSA	(4)	
VULMSS	VULMSSA	(5)	
UTEXH	UTEXHA	(6)	
UTEXHS	UTEXHSA	(8)	
UTEXMS	UTEXMSA	*10	
UTEXMS	UTEXMSA	*15	
UTHHS	UTHHSA	*20	
		*25	500
		*30	

♣ Only 300 is available for Vulkollan®.

■ A Selectable - Band Type

Part Number		T	A Selection
Type			
No		(1)	3
Adhesive	Adhesive	(2)	5
VULHS	VULHSA	(3)	10
VULMS	VULMSA	(4)	20
VULMSS	VULMSSA	(5)	30
UTEXH	UTEXHA	(6)	40
UTEXMS	UTEXMSA	(8)	50
UTHHS	UTHHSA	(10)	80
		*10	100

♣ L dimension is 500mm.
 ♣ Vulkollan® is only available for T=10 and the length is 300mm.

■ A, B Configurable - Standard Type

Part Number		T	1mm Increment	
Type			A	B
No		(1)	10~500 (10~300 for Vulkollan®)	10~500 (10~300 for Vulkollan®)
Adhesive	Adhesive	(2)		
VULHS	VULHSA	(3)		
VULMSS	VULMSSA	(4)		
VULMSS	VULMSSA	(5)		
UTEXHS	UTEXHSA	(6)		
UTEXHS	UTEXHSA	*10		
UTEXMS	UTEXMSA	*15		
UTEXMS	UTEXMSA	*20		
UTHHS	UTHHSA	*25		
		*30		

♣ A≥B≥T
 ♣ Vulkollan® is available for dimensions marked with * only.
 ♣ Vulkollan® (Shore A68) is available for T=10 or 15 only.

■ A, B Configurable - Hole Type

Part Number		Nominal	T	1mm Increment (A≥B≥T)		0.5mm Increment		Screw Nominal Dia. Selection	
Type				A	B	F	G	N (Through Hole)	Z (Counterbored Hole)
No Adhesive	Adhesive		(1)			5~495 (Vulkollan®)			
VULHSS	VULHSSA	(Shore A92)	(2)			(5~295)	5~495 (Vulkollan®)		
VULMSS	VULMSSA	(Shore A68)	(3)			(1H Type)	(1H, 2H, 3H Types)		
UTEXHS	UTEXHSA	(Shore A90)	(4)	25~500 (Vulkollan®)	25~500 (Vulkollan®)	9~491 (Vulkollan®)			
UTEXMS	UTEXMSA	(Shore A70)	(5)	(25~300)	(25~300)	9~291 (2H, 4H Types)			
UTHHS	UTHHSA	(Shore A90)	(6)			9~245 (Vulkollan®)			
			*10			9~291 (4H, 6H Types)			
			*15						
			*20						
			*25						
			*30						

♣ T (1) and (2) are available for Abrasion Resistant Urethane only. T dim. For Vulkollan® is available with * sign only. (For Shore A68, only available with T=10 or 15.)
 ♣ A≥B≥T
 ♣ Dimension F Specification Range: For 1H: d(d1)/2+2.5≤F≤A-d(d1)/2-2.5; for 2H, 4H: d(d1)+5≤F≤A-d(d1)-5; for 3H, 6H: d(d1)+5≤F≤A/2-d(d1)/2-2.5.
 ♣ Dimension G Specification Range: For 1H, 2H, 3H: d(d1)/2+2.5≤G≤B-d(d1)/2-2.5; for 4H, 6H: d(d1)+5≤G≤B-d(d1)-5. (d for through holes, d1 for counterbored holes.)

Ordering Example

■ A Selectable Type

Part Number - A

VULHS10 - 300

UTHHS10 - 100

■ A, B Configurable Type

Part Number - A - B - F - G - Screw Nominal Dia.

VULHSS10 - 300 - 200

UTEXHS3H5 - 200 - 150 - F140 - G120 - N5

