

Unilate® (Free-cutting Resin) / Antistatic PET Plates

■ Unilate® (Free-cutting Resin) excels in heat resistance and insulation.

■ Antistatic PET is excellent in material workability and dimensional stability and hardly causes color staining.

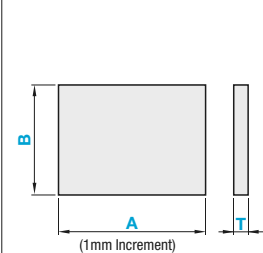
* For Details of color samples and features, see P951



Type	Material	Color	Operating Ambient Temperature
YCA	Unilate®	Natural Brown	Ambient Temp. ~ 120°C
PYCA	Antistatic PET, PET300ESD	Black	Ambient Temp. ~ 100°C

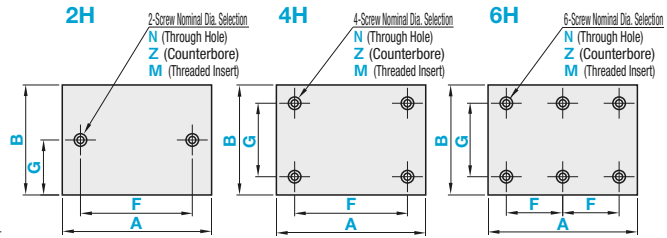
Unilate® is a registered trademark of Unilica Ltd.

Standard Type



⚠ A≥B

Pre-drilled Type



Nominal Dia. b (Min. Value)
3~10 2.5

Hole Machining Details			
N (Through Hole)	Z (Counterbore Hole)	M (Threaded Insert)	Table 1M (Threaded Insert) Details
Ordering Code (Ex.) M4-L6			
⚠ L≤T-1			
⚠ When L+5<T, drilled holes will be blind ones.			

Finish	4 Sides	Upper-lower Surface
	Drilling Method Finish Symbol	Drilling Method Finish Symbol
Circular Sawing	Circular Sawing ✓	Material ~

Material: Free-cutting Resin Plates: Polyethylene Terephthalate
Antistatic PET Plates: Polyethylene Terephthalate

Standard Type

Part Number	A	B	T
Type	1mm Increment		Selectable
YCA Unilate® (Free-cutting Resin)	20~800	20~600	5, 10, 15
PYCA Antistatic PET	20~500	20~400	8, 10, 15, 20, 25, 30
	40~300	40~300	40, 50

T Dimension Tolerance, Rate of Camber and Torsion

YCA		PYCA		Rates of Camber and Torsion per 1,000mm
T	T Dimension Tolerance	T	T Dimension Tolerance	
5	±0.35	8, 10	0~+1.4	1.5% or Less
10	0~+3.0	15, 20, 25	0~+2.0	
15	0~+4.0	30, 40, 50	0~+3.0	1.0% or Less

Dimension Tolerance of A and B

A, B Unit: mm	A, B Dimension Tolerance
~99	±0.5
100~250	±0.75
251~	±1.0

Pre-drilled Type

Part Number		A	B	T	F	G	Pre-drilled Hole Nominal Dia.			
Type	Number of Holes	1mm Increment		Selectable	0.5mm Increment		Through Hole	Counterbore Hole	Threaded Insert	L
YCA Unilate® (Free-cutting Resin)	2H 4H 6H	20~800	20~600	5	6~791.5 (2H, 4H)	4.5~595.5 (2H)	3	-	3 4	(Threaded Insert Length) Select from Table 1
				10	6~395.5 (6H)	6~591.5 (4H, 6H)			4 5 6 8	
				15					3 4 5 6 8 10	
PYCA Antistatic PET	2H 4H 6H	20~500	20~400	8	6~491.5 (2H, 4H)	4.5~395.5 (2H)	4	5	6 8	
				10					3 4 5 6 8	
				15					3 4 5 6 8 10	
				20					4 5 6 8 10	
				25					3 4 5 6 8 10	
				30					3 4 5 6 8 10	

⚠ Dimension F Specification Range : For 2H and 4H, d(d1)+2.5≤F≤A-d(d1)-5; for 2HL, d(d1)/2+2.5≤F≤A-d(d1)/2-2.5; for 6H, d(d1)+2.5≤F≤(A-d(d1)-5)/2.

⚠ Dimension G Specification Range : For 2H, d(d1)/2+2.5≤G≤B-d(d1)/2-2.5; for 2HL, 4H and 6H, d(d1)+2.5≤G≤B-d(d1)-5.

(d for through hole and threaded insert, d1 for counterbore)

⚠ For Pre-drilled Type, select N (through hole) or Z (counterbore hole); for Threaded Insert Type, select M (threaded insert) or L (insertion length).

Ordering Example	Standard Type
	Part Number - A - B - T
	PYCA - 300 - 200 - 10

Ordering Example	Pre-drilled Type
	Part Number - A - B - T - F - G - Screw Nominal Dia. - L
	PYCA2H - 200 - 100 - 15 - F50 - G30 - N5 - L5
	YCA2H - 180 - 100 - 10 - F80 - G60 - M5 - L5

Standard Type Unit Price (YCA)

Type	T	A	Unit Price											
			B											
YCA 10	5	20~50	20	51	101	151	201	251	301	351	401	451	501	551
		51~100	50	100	150	200	250	300	350	400	450	500	550	600
		101~150												
		151~200												
		201~250												
		251~300												
		301~350												
		351~400												
		401~450												
		451~500												
		501~550												
		551~600												
		601~650												
		651~700												
		701~750												
		751~800												

Hole Machining Charge

Pre-drilled Type	Hole Machining Charge		
	N (Through)	Z (Counterbore Hole)	M (Threaded Insert)
2H			
4H			
6H			

Price Calculation Method for Pre-drilled Type

⚠ Pre-drilled Type Price = Standard Type Unit Price + Hole Machining Charge

(Ex.) Part Number - A - B - T - F - G - Screw Nominal Dia. >>

PYCA2H - 300 - 200 - 10 - F200 - G100 - Z6

(Standard Type Unit Price) + (Hole Machining Charge) = Pre-drilled Type Price



Alterations For machining corner and specifying hole position, see P1018.

Standard Type Unit Price (PYCA)

Type	T	A	Unit Price							
			B							
PYCA 10	8	20~50	20	51	101	151	201	251	301	351
		51~100	50	100	150	200	250	300	350	400
		101~150								
		151~200								
		201~250								
		251~300								
		301~350								
		351~400								
		401~450								
		451~500								
		501~550								
		551~600								
		601~650								
		651~700								
		701~750								
		751~800								