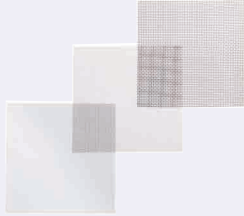
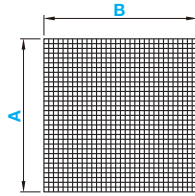


## Mesh - Cut to Size

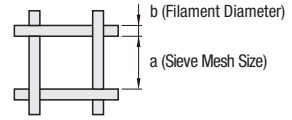
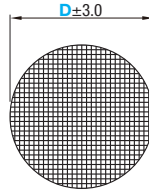


RoHS 10

### Square



### Round



Dimension Tolerance of A, B and D

Type	Dimension	Tolerance
Square	20~200	±1.0
Square	210~500	±1.5
Round	510~1000	±2.0
Round	20~500	±3.0

Type	Material
PMY	SUS304
PMT	SUS316

A±B

Orientation of cut surface and mesh opening position will be random.

Type	Part Number	Symbol	Mesh Standards			Shape	Square / Round 10mm Increment		
			Sieve Mesh Size a (mm)	Wire Dia. b (mm)	Opening Ratio (%)		A	B	D
PMY (SUS304)	16	X	1.30	0.29	66.9	K (Square) M (Round)	20~1000 A≥B	20~1000	20~500
	18	Y	1.02	0.57	41.2				
	30	X	1.07	0.34	57.6				
	40	Y	0.91	0.5	41.7				
	60	X	0.60	0.25	49.8				
	80	Y	0.56	0.29	43.4				
PMT (SUS316)	100	X	0.46	0.18	51.7				
	120	X	0.28	0.14	44.4				
	16	X	1.30	0.29	66.9				
	100	X	0.15	0.1	36.0				
	150	X	0.13	0.08	38.3				
	200	X	0.08	0.05	37.9				



Ordering Example

Part Number

Type	Mesh Count	Symbol	Shape	A	B	D
PMY	16	Y	K	150	100	-
PMT	100	X	M	-	-	250

## Mesh Unit Price

Part Number	A	Unit Price B (Square)				
		20~100	110~200	210~400	410~600	610~1000
PMY16X (SUS304)	20~100	-	-	-	-	-
	110~200	-	-	-	-	-
	210~400	-	-	-	-	-
	410~600	-	-	-	-	-
	610~1000	-	-	-	-	-
		Unit Price D (Round)				
-	20~100	110~150	160~250	260~350	360~500	

Part Number	A	Unit Price B (Square)				
		20~100	110~200	210~400	410~600	610~1000
PMY16Y PMY18Y (SUS304)	20~100	-	-	-	-	-
	110~200	-	-	-	-	-
	210~400	-	-	-	-	-
	410~600	-	-	-	-	-
PMT100X PMT150X PMT200X (SUS316)	610~1000	-	-	-	-	-
			Unit Price D (Round)			
-	20~100	110~150	160~250	260~350	360~500	

Part Number	A	Unit Price B (Square)				
		20~100	110~200	210~400	410~600	610~1000
PMY18X PMY30X PMY40X PMY60X PMY80X PMY100X (SUS304)	20~100	-	-	-	-	-
	110~200	-	-	-	-	-
	210~400	-	-	-	-	-
	410~600	-	-	-	-	-
	610~1000	-	-	-	-	-
		Unit Price D (Round)				
-	20~100	110~150	160~250	260~350	360~500	

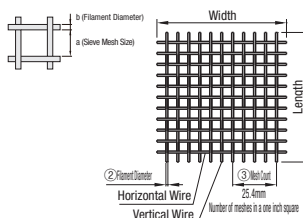
Part Number	A	Unit Price B (Square)				
		20~100	110~200	210~400	410~600	610~1000
PMY30Y PMY120X (SUS304)	20~100	-	-	-	-	-
	110~200	-	-	-	-	-
	210~400	-	-	-	-	-
	410~600	-	-	-	-	-
PMT16X (SUS316)	610~1000	-	-	-	-	-
			Unit Price D (Round)			
-	20~100	110~150	160~250	260~350	360~500	



## Mesh Standards

### Mesh Standards

- Sieve Mesh Size**  
The gap between wires.
- Filament Diameter**  
Wire diameter. Sieve mesh size and number of meshes vary depending on the wire diameter.
- Mesh Count**  
Number of meshes in a one inch square (25.4mm).
- Opening Ratio**  
The ratio of opening area to the entire mesh.  
Opening Ratio = (Sieve Mesh Size / Pitch between Wires)² x 100  
\* 25.4mm / Number of Meshes = Pitch between Wires



## Mesh Roughness Overview



Mesh Count	16	30	40	100
Sieve Mesh Size (mm)	1.30	0.56	0.46	0.15
Wire Dia. (mm)	0.29	0.29	0.18	0.1
Opening Ratio (%)	66.9	43.4	51.7	36.0