

Transparent Resin Hollow Tubes / Resin Hollow Tubes

Polycarbonate/ Acrylic / Polyacetal / MC Nylon

Resin Hollow Tubes

Bore and Exterior Surface Finished

Polycarbonate Hollow Tube and Acrylic Hollow Tube excel in impact resistance and transparency. These Polyacetal and MC Nylon Hollow Tubes are used for various industrial purposes.

Transparent Resin Hollow Tubes
Polycarbonate, Acrylic

Part Number	Material	Grade	Color
PIJC	Polycarbonate	Standard	Transparent
PIJA	Acrylic	Standard	Transparent

For Polycarbonate, tolerance is based on t dimensions.
For Acrylic, tolerance is based on V dimensions.

For Material Properties, see P949.

Part Number Type	D Selection	D Tolerance	L 1mm increment	t	t Tolerance	V	Unit Price						
							L50~100	L101~200	L201~400	L401~600	L601~800	L801~1000	
PIJC (Polycarbonate)	13	±0.2	50~1000	2.0	±0.2	9							
	18					14							
	22					18							
	26					22							
	32					27							
	34					29							
	PIJC	±0.3		50~1000	2.5	±0.3	32						
							42	36					
							48	41					
							60	45					
							76	52					
							89	65					
PIJC	±0.4	50~1000	3.0	±0.4	65								
					77								

Part Number Type	D Selection	D Tolerance	L 1mm increment	t	V	V Tolerance	Unit Price						
							L50~100	L101~200	L201~400	L401~600	L601~800	L801~1000	
PIJA (Acrylic)	15	±0.3	50~1000	3	±0.8	9							
	20					14							
	25					19							
	30					24							
	35					29							
	40					34							
	PIJA	±0.5		50~1000	5	±1.0	40						
							50	45					
							55	50					
							60	60					
							70	70					
							80	80					
PIJA	±1.0	50~1000	5	±1.0	80								
					90	90							

Resin Hollow Tubes - Bore and Exterior Surface Unfinished

Part Number	Material	Grade	Color
FPIJJ	Polyacetal	Standard	White
FPIJM	MC Nylon	Standard	Blue

Bore and exterior surfaces are unfinished. For Bore and Exterior Surface Finished Type, see P324.

For Material Properties, see P953.

Part Number Type	D Selection	D Tolerance	L 1mm increment	V	V Tolerance	Unit Price				
						L100~200	L201~400	L401~600	L601~1000	
FPIJJ (Polyacetal - Standard)	30	+2.0 0	100~1000	20	0					
	40					-2.5				
	50					-3.0				
	60	0								
	70	+3.5								
	80	0								
FPIJJ	±4.0	100~1000	20	0	70					
					80	-5.0				

Part Number Type	D Selection	D Tolerance	L 1mm increment	V	V Tolerance	Unit Price		
						L100~200	L201~350	
FPIJM (MC Nylon - Standard)	30	+2.0 +0.1	100~350	15	-1.0			
	40					+3.0		
	50					+0.1		
	60	0						
	70	+5.0						
	80	+0.1						
FPIJM	±5.0	100~350	15	-6.0	65			
					75			

Ordering Example: Part Number - D - L
 PIJC22 - 200
 PIJA20 - 100
 FPIJJ - D50 - L550

13 types of bore and exterior surface finished engineered plastics are added to our lineup. Small diameters are available.

Resin Hollow Tubes
Bore and Exterior Surface Finished

Type	Material	Grade	Color
PIJJ	Polyacetal	Standard	White
PIJK		Standard	Black
PIJM		Standard	Blue
PIJW	MC Nylon	Standard	Ivory
PIJG		Conductive CDR2	Black
PIJT		Conductive CDR6	Black
PIJB	Bakelite	Paper Base	Natural Color
PIJN		Cloth Base	Natural Color
PIJP	Fluororesin	Standard	White
PIJS	PEEK	Standard	Gray
PIJX	PPS	Standard	Brown
PIJU	ABS	Standard	Beige
PIJU	Ultra-High-Molecular-Weight Polyethylene	Standard	Milky White

PIJ (PPS) generates an oxide film on the surface and the color turns brown when exposed to light and heat (direct sunlight, fluorescent light, mercury lamp and high-temperature atmosphere) for extended duration, however its mechanical and physical properties change little.

For Material Properties, see P953, 954.

Part Number Type	D	V Selection						L 1mm Increment
		3	4	5	6	8	10	
PIJJ PIJK PIJM PIJW PIJG PIJT PIJB PIJN PIJP PIJS PIJX PIJU	5	3						20~100
	6	3	4					20~120
	8	3	4	5	6			20~150
	10	3	4	5	6			20~150
	12			5	6	8		
	13			5	6	8		
	14			5	6	8	10	
	15			5	6	8	10	
	16			5	6	8	10	20~200
	20					8	10	
	25						15	16
	30							16

Ordering Example: Part Number - V - L
 PIJJ15 - 8 - 150

Part Number Type	D	Unit Price			
		L20~100	101~120	121~150	151~200
PIJJ PIJK	5				
	6				
	8				
	10				
	12				
	13				
	14				
	15				
	16				
	20				
	25				
	30				
PIJM PIJW	5				
	6				
	8				
	10				
	12				
	13				
	14				
	15				
	16				
	20				
	25				
	30				
PIJG	5				
	6				
	8				
	10				
	12				
	13				
	14				
	15				
	16				
	20				
	25				
	30				
PIJT	5				
	6				
	8				
	10				
	12				
	13				
	14				
	15				
	16				
	20				
	25				
	30				

Part Number Type	D	Unit Price			
		L20~100	101~120	121~150	151~200
PIJB	5				
	6				
	8				
	10				
	12				
	13				
	14				
	15				
	16				
	20				
	25				
	30				
PIJN	5				
	6				
	8				
	10				
	12				
	13				
	14				
	15				
	16				
	20				
	25				
	30				
PIJF	5				
	6				
	8				
	10				
	12				
	13				
	14				
	15				
	16				
	20				
	25				
	30				

Part Number Type	D	Unit Price			
		L20~100	101~120	121~150	151~200
PIJS	20				
	25				
	30				
	30				
PIJX	5				
	6				
	8				
	10				
	12				
	13				
	14				
	15				
	16				
	20				
	25				
	30				
PIJU	5				
	6				
	8				
	10				
	12				
	13				
	14				
15					
16					
20					
25					
30					