

# Transparent Resin Hollow Tubes / Resin Hollow Tubes

## Polycarbonate/ Acrylic / Polyacetal / MC Nylon

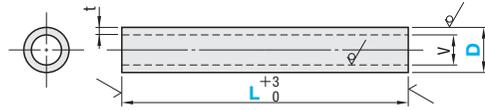
Polycarbonate Hollow Tube and Acrylic Hollow Tube excel in impact resistance and transparency. These Polyacetal and MC Nylon Hollow Tubes are used for various industrial purposes.

### 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.

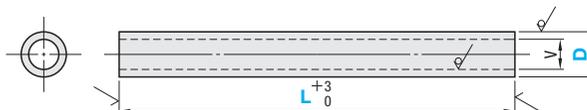
Part Number Type	D Selection	D Tolerance	L 1mm increment	t	t Tolerance	V	Unit Price						
							L50~100	L101~200	L201~400	L401~600	L601~800	L801~1000	
PIJC (Polycarbonate)	13	±0.2	50~1000	2.0	±0.2	9							
	18					14							
	22					18							
	26					22							
	32	27											
	34	29											
	38	±0.3		3.0	±0.3	32							
						42	36						
						48	41						
						60	52						
						76	65						
						89	77						
	60	±0.4		4.0	±0.4	52							
						55	65						
60			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											
	50	±0.5		5	±1.0	40							
						45	50						
						55	60						
						60	70						
						70	80						
						80	90						
	90	±1.0		80	±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	L601~800		
FPIJJ (Polyacetal - Standard)	30	+2.0	100~1000	20	0						
	40					0					
	50	+3.0				50	-3.0				
	60							0			
	70	+3.5		50	0	60	-4.0				
						80	0				
						90	0				
						100	0				

Ordering Example: Part Number - D - L  
 FPIJJ22 - 200  
 FPIJA20 - 100  
 FPIJJ - D50 - L550

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	100~350	15	-1.0		
	40					+0.1	20
	50	+0.1				25	
	60	+5.0				25	
	70			45			
	80			55			
	90			65			
	100	+0.1		75			

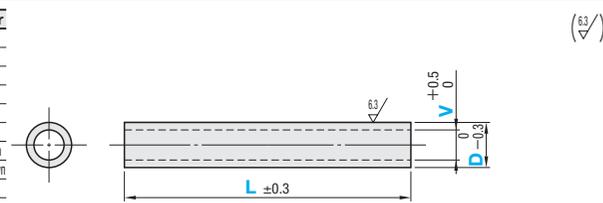
# Resin Hollow Tubes

## Bore and Exterior Surface Finished

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



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	Brown
PIJN		Cloth Base	Light Brown
PIJP	Fluororesin	Standard	White
PIJS		Standard	Gray
PIJX	PEEK	Standard	Gray
PIJU	PPS	Standard	Brown
PIJY	ABS	Standard	Beige
PIJZ	Ultra-High-Molecular-Weight Polyethylene	Standard	Milky White



PIJS (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	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		20~200		
	13			5	6	8		20~200		
	14			5	6	8	10	20~200		
	15			5	6	8	10	20~200		
	16			5	6	8	10	20~200		
	20					8	10	20~200		
	25						12	15		
	30							15	16	20

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

Part Number Type	D	Unit Price				
		L20~100	101~120	121~150	151~200	
PIJK	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						
PIJP		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						