

Plastic Joint Selection / Adhesives

Plastic Joint

PJ001~209

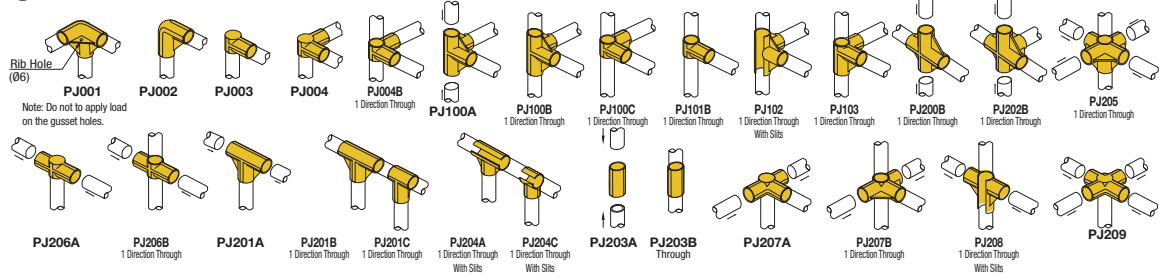
Plastic joints are connected using adhesives. Please use them where disassembly will not be required.

(1) Comparison by Strength When higher strength is required, select the appropriate joint based on the following chart.

Strength Comparison-1	PJ100B>PJ100A		Strength Comparison-2	PJ100B>PJ100C	
One direction through type joint is stronger than two pipes jointed.			Joints with reinforcing gussets have higher strength.		
Strength Comparison-3	PJ201B>PJ101B		Strength Comparison-4	PJ201B>PJ204A	
Joints with longer arms have higher strength.			Joints with no slit have higher strength.		

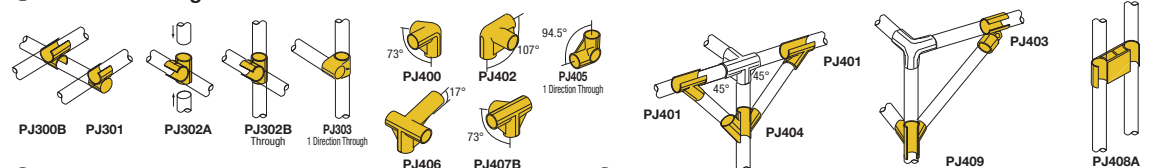
(2) Comparison by Applications Plastic joints can be selected based on connection configurations required.

① For Corner Joints with Reinforcement

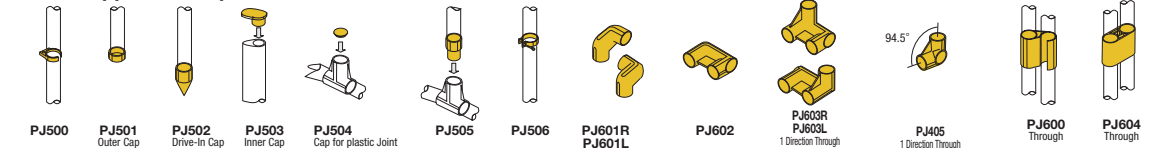


Note: 6 direction connections would be more difficult. (Ex. PJ205) It is recommended to use PJ200B and PJ302B first and install side frame later for easier assembly.

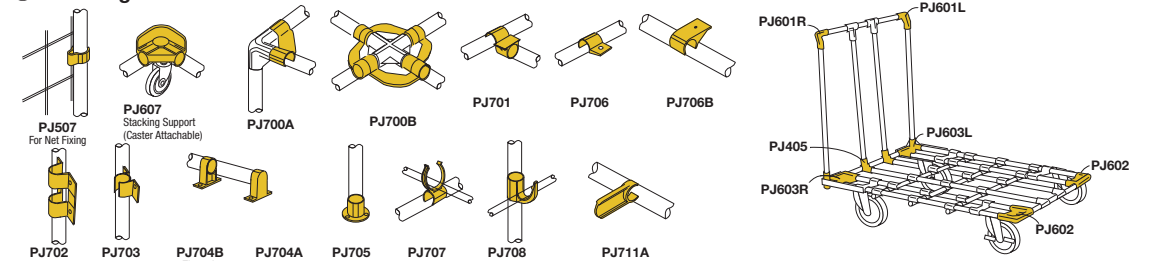
② Crosses and Angled



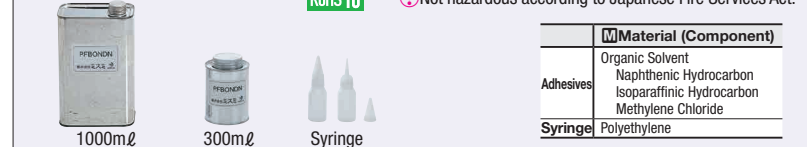
③ For Stopper and Cap



④ For Hand Truck



Adhesives RoHS 10 ⚠ Not hazardous according to Japanese Fire Services Act.



Part Number	Volume	Accessory	Unit Price
Type	No.	mL	1 ~ 100 pcs.
PFBONDN	300	300	Syringe 1 pc.
	1000	1000	Syringe 2 pcs.

How to Use
 -Wipe dust, moisture and oil off the jointing surfaces prior to bonding.
 -Proper application amount is approximately 0.7 ~ 0.8ml per one joint. & Apply evenly on the jointing surfaces.
 -Ensure that it does not spill out since it dissolves plastic joints and frames. Do not move for at least 10 ~ 15 minutes after liquid adhesive is applied. (Adhesive strength will be approximately 80% after 24 hours at normal temperature.)
 -Once jointed, it cannot be disassembled.
 -Not useable on Extruded Aluminum Pipe Frames, Skid Conveyor Rails and Stainless Steel Pipe Frames.

Notes on Handling Liquid Adhesive

- Warning**
- It is harmful to human health. Do not swallow or inhale.
 - Keep away from flames.
 - Wash off with water immediately when comes in contact with eyes.
 - Avoid direct skin contact. Wash with soap and warm water immediately if it came in contact with skin.
 - Ventilate the room sufficiently.
 - Because it may dissolve plastics, avoid contacting with eye glasses, plastic products or clothing.
 - Do not point the syringe injection tube toward people as the contents may splash on people.
 - Since quick-dry solvent is used, close the cap tightly after use.
 - Do not mix with other solvents such as paint thinners.
 - Store in cool and dark room.
 - The container may swell due to temperature changes. Open the cap slowly.



Part Number	Color	Mass (g)	Unit Price (1-10 pcs)	Volume Discount Rate (20-49)	Volume Discount Rate (50-99)	Volume Discount Rate (100-300)
PJ001		46				
PJ002		33				
PJ003		25				
PJ004	W	37				
PJ004B	S	37				
PJ100A	(White)	58				
PJ100B	(Gray)	57				
PJ100C		33				



Part Number	Color	Mass (g)	Unit Price (1-10 pcs)	Volume Discount Rate (20-49)	Volume Discount Rate (50-99)	Volume Discount Rate (100-300)
PJ101B		21				
PJ102		28				
PJ103		37				
PJ200B	W	55				
PJ201A	S	48				
PJ201B	(White)	44				
PJ201C	(Gray)	32				
PJ202B		74				



Part Number	Color	Mass (g)	Unit Price (1-10 pcs)	Volume Discount Rate (20-49)	Volume Discount Rate (50-99)	Volume Discount Rate (100-300)
PJ203A		27				
PJ203B		23				
PJ204A		37				
PJ204C	W	19				
PJ205	(White)	73				
PJ206A	S	35				
PJ206B	(White)	33				
PJ207A	(Gray)	47				
PJ207B		44				
PJ208		40				
PJ209		58				

* PJ203B is used in the following case.
 -Frame Connection

 (Do not use in places where forces may be applied.)

Ordering Example **Part Number** - **Color**
 PJ001 - S