

## G6300 JOHN GUEST SPEEDFIT® FITTINGS

Grey acetyl copolymer construction with nitrile o-rings. FDA approved materials on all wetted surfaces. Meet NSF International Standards 51 and 61.

### Recommended for use with:

- polyethylene, nylon, polyurethane tubing and other plastic tubing\*
- soft metals such as brass and copper.

\*Note: When using with soft durometer tubing such as PVC, we recommend using tube inserts.

### Not recommended for:

- hard or chrome plated metal tubing
- explosive gases
- fuels
- central heating or in-floor radiant heating.

G6400 series white polypropylene with EPDM o-rings are also available

**Temperature range:** -20°C (-4°F) to 70°C (158°F).

### Pressure ratings\*:

- Up to 5/16" tubing... 230 psi at 20°C (68°F)
- 150 psi at 70°C (158°F)
- 3/8" & 1/2" tubing... 150 psi at 20°C (68°F)
- 100 psi at 70°C (158°F)

\*Note: Pressure ratings of tubing may be less. The lower of the two will determine the rated pressure of the system.

### Maximum tightening torque:

- 1/8" - 1/4" 1.0 ft lbs (1.5Nm)
- 3/8" - 1/2" 2.2 ft lbs (3.0Nm)

### To attach fittings:

- cut the tubing square and remove burrs and sharp edges that may damage o-ring
- make sure end of tube is free of score marks that may cause leak paths
- for very soft tubing or hot water systems, use a tube insert
- push the tube into and up to the stop
- pull the fitting back to make sure it is secure
- test the system

### To release fittings:

- release system pressure
- push collet back squarely against the fitting body
- remove tubing

Part Number	Cross Reference	Pipe Size	Tube Size	PRICE EACH		Pkg Qty
				Loose	Std Pkg	

### G6316... MALE NPT CONNECTOR



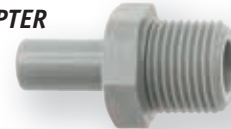
G6316-02-04	PI01-0821S	1/8"	1/4"	\$3.20	\$2.70	10
G6316-04-04	PI01-0822S	1/4"	1/4"	3.80	3.10	10
G6316-04-05	PM01-0822S	1/4"	5/16"	3.90	3.20	10
G6316-04-06	PI01-1222S	1/4"	3/8"	5.60	4.60	10
G6316-06-04	PI01-0823S	3/8"	1/4"	5.10	4.20	10
G6316-06-06	PI01-1223S	3/8"	3/8"	6.50	5.40	10
G6316-06-08	PI01-1623S	3/8"	1/2"	8.70	7.20	10
G6316-08-06	PI01-1224S	1/2"	3/8"	10.00	8.30	10
G6316-08-08	PI01-1624S	1/2"	1/2"	9.30	7.80	10

### G6396... 90° SOLID MALE CONNECTOR



G6396-02-04	PI48-0821S	1/8"	1/4"	5.10	4.20	10
G6396-04-04	PI48-0822S	1/4"	1/4"	5.70	4.70	10
G6396-04-06	PI48-1222S	1/4"	3/8"	8.70	7.20	10
G6396-06-06	PI48-1223S	3/8"	3/8"	9.50	8.00	10

### G6616... MALE NPT STEM ADAPTER



G6616-02-04	PI05-0821S	1/8"	1/4"	1.70	1.40	10
G6616-04-04	PI05-0822S	1/4"	1/4"	1.70	1.40	10
G6616-04-05	PM05-0822S	1/4"	5/16"	1.70	1.40	10
G6616-04-06	PI05-1222S	1/4"	3/8"	2.20	1.90	10
G6616-06-06	PI05-1223S	3/8"	3/8"	2.70	2.20	10
G6616-06-08	PI05-1623S	3/8"	1/2"	4.50	3.80	10
G6616-08-08	PI05-1624S	1/2"	1/2"	4.50	3.80	10

### G6396X... 90° MALE SWIVEL CONNECTOR

A swivel elbow is created by inserting a G6616 male stem adapter into a G6393 union elbow.



### G63T16X... MALE SWIVEL BRANCH TEE

A swivel branch tee is created by inserting a G6616 male stem adapter into a G63T33 union tee.



### G63T63X... MALE SWIVEL RUN TEE

A swivel run tee is created by inserting a G6616 male stem adapter into a G63T33 union tee.



Part Number	Cross Reference	Pipe Size	Tube Size	PRICE EACH		Pkg Qty
				Loose	Std Pkg	

### G6363... UNION



		Tube Size	Tube Size			
G6363-04-04	PI-0408S	1/4"	1/4"	\$5.10	\$4.20	10
G6363-06-04	PI20-1208S	3/8"	1/4"	6.90	5.80	10
G6363-06-06	PI-0412S	3/8"	3/8"	6.80	5.70	10
G6363-08-08	PI-0416S	1/2"	1/2"	8.00	6.60	10

### G6393... 90° UNION



G6393-04-04	PI03-08S	1/4"	1/4"	5.70	4.70	10
G6393-05-05	PM03-08S	5/16"	5/16"	6.60	5.60	10
G6393-06-06	PI03-12S	3/8"	3/8"	8.70	7.20	10
G6393-08-08	PI03-16S	1/2"	1/2"	10.20	8.50	10

### G63T33... UNION TEE



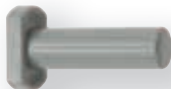
G63T33-04-04	PI02-08S	1/4"	1/4"	7.40	6.10	10
G63T33-05-05	PM02-08S	5/16"	5/16"	7.50	6.30	10
G63T33-06-04	PI30-1208S	3/8"	1/4"	11.70	9.80	10
G63T33-06-06	PI02-12S	3/8"	3/8"	9.00	7.50	10
G63T33-08-06	PI30-1612S	1/2"	3/8"	12.30	10.30	10
G63T33-08-08	PI02-16S	1/2"	1/2"	10.90	9.10	10

### G6363BH... BULKHEAD UNION



		Tube Size	Mounting Hole			
G6363BH-04-04	PI12-08S	1/4"	0.67"	9.60	8.10	10
G6363BH-05-05	PM12-08S	5/16"	0.67"	12.20	10.20	10
G6363BH-06-06	PI12-12S	3/8"	0.83"	12.60	10.50	10
G6363BH-08-08	PI12-16S	1/2"	1.06"	20.60	17.20	10

### G6300... PLUG



G6300-04	PI08-08S	1/4"	1.30	1.10	10
G6300-05	PM08-08S	5/16"	1.70	1.40	10
G6300-06	PI08-12S	3/8"	2.20	1.90	10
G6300-08	PI08-16S	1/2"	3.40	2.80	10

### G6304... FEMALE SAE FLARE CONNECTOR



	SAE Size	Tube Size			
G6304-04-06	1/4"	3/8"	7.60	6.40	10

### G6308... FEMALE NPT CONNECTOR



G6308-04-06	1/4"	3/8"	\$9.80	\$8.20	10
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### G6361... FEMALE COMPRESSION CONNECTOR

Allows attachment to G6000 series compression fittings and to V19-1690A-04 self tapping needle valves.



		Female Thread	Tube Size			
G6361-04-04	CI32-08U7S	-04 (7/16-24)	1/4"	6.50	5.40	10
G6361-04-06	CI32-12U7S	-04 (7/16-24)	3/8"	7.20	6.00	10

### G6621... HOSE BARB STEM ADAPTER



		Tube Size	Hose Size			
G6621-04-04	PI25-0808S	1/4"	1/4"	3.20	2.70	10
G6621-06-04	PI25-1208S	3/8"	1/4"	4.60	3.80	10
G6621-06-06	PI25-1212S	3/8"	3/8"	5.10	4.20	10
G6621-08-08	PI25-1616S	1/2"	1/2"	6.70	5.70	10

### G6603... SOFT TUBE INSERT



		Tube O.D.	Tube I.D.			
G6603-05-04	TSI-250S	5/16"	1/4"	0.50	0.40	100
G6603-06-05	TSI-312S	3/8"	5/16"	0.60	0.50	100
G6603-08-06	TSI-375S	1/2"	3/8"	0.60	0.50	100

### G6363CV... CHECK VALVE



		Tube Size	Tube Size			
G6363CV-04-04	1/4SCV	1/4"	1/4"	23.60	1	
G6363CV-06-06	3/8SCV	3/8"	3/8"	24.30	1	

Part Number	Cross Reference	Pipe Size	Tube Size	PRICE EACH		Pkg Qty
				Loose	Std Pkg	

### V63AW... VALVE FOR AIR OR WATER\*



V63AW-06-06	PISV04-12S	3/8"	3/8"	\$18.30	1
V63AW-08-08	PISV04-16S	1/2"	1/2"	18.60	1

### V64W... POLYPROPYLENE VALVE FOR WATER ONLY\*



V64W-04-04	PPSV04-0808W	1/4"	1/4"	12.70	1
V64W-06-06	PPSV04-1212W	3/8"	3/8"	13.50	1

\* Pressure ratings: 150 psi at 20°C (68°F) • 100 psi at 60°C (140°F)

### V6416W... POLYPROPYLENE MALE NPT VALVE FOR WATER ONLY\*



V6416W-04-04	PPSV01-0822W	1/4"	1/4"	12.70	1
V6416W-06-06	PPSV01-1223W	3/8"	3/8"	13.50	1

### V6498W... POLYPROPYLENE FEMALE NPT 90° VALVE FOR WATER ONLY\*



V6498W-04-04	PPSV50-0822W	1/4"	1/4"	14.00	1
V6498W-04-06	PPSV50-1222W	1/4"	3/8"	14.60	1

\* Pressure ratings: 150 psi at 20°C (68°F)  
100 psi at 65°C (150°F)

Part Number	Cross Reference	Pipe Size	Tube Size	PRICE EACH		Pkg Qty
				Loose	Std Pkg	

### V6406... POLYPROPYLENE ANGLE STOP ADAPTER TEE VALVE

For use on cold water lines between the angle stop valve and 3/8" riser to sink.



Part Number	Cross Reference	Riser Size	Tube Size	PRICE EACH	Pkg Qty
V6406-06-04	ASVPP1	3/8" (9/16"-24)	1/4"	\$24.90	1
V6406-06-06	ASVPP2	3/8" (9/16"-24)	3/8"	25.80	1

### G6300LC... LOCKING CLIP



G6300LC-04	PIC18-08R	1/4"	\$0.50	0.40	100
G6300LC-06	PIC18-12R	3/8"	0.50	0.40	100

### G6300MC... VALVE MOUNTING CLIP



G6300MC-06	SVMC-10	3/8"	4.00	3.50	10
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Push To Connect

# PUSH-TO-CONNECT TUBE FITTINGS

**Pressure rating:** 265 psi at 20°C (68°F) except 1/8" and 3/16" body sizes which are rated to 145 psi

**Temperature range:** -30°C (-22°F) to 80°C (176°F) with standard nitrile o-ring. Up to 110°C (230°F) with viton o-ring.

Nickel plated brass construction except 18" and 3/16" body sizes which are thermoplastic.

Teflon® thread sealant pre-applied for fast installation.

The fittings shown in this section are not for use with G1212 Air Brake tubing. For truck and trailer applications please see G7000P in the Truck section

**Recommended for use with:** polyethylene, nylon and polyurethane tubing.

Part Number	Pipe Size	Tube Size	PRICE EACH
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## G6016P... MALE CONNECTOR

G6016P-01-02	1/16"	1/8"	\$5.00
G6016P-01-02.5	1/16"	5/32"	6.50
G6016P-02-02	1/8"	1/8"	4.00
G6016P-02-02.5	1/8"	5/32"	3.80
G6016P-02-03	1/8"	3/16"	7.00
G6016P-02-04	1/8"	1/4"	4.30
G6016P-02-05	1/8"	5/16"	4.80
G6016P-02-06	1/8"	3/8"	6.00
G6016P-04-02	1/4"	1/8"	4.20
G6016P-04-02.5	1/4"	5/32"	4.70
G6016P-04-03	1/4"	3/16"	7.10
G6016P-04-04	1/4"	1/4"	4.00
G6016P-04-05	1/4"	5/16"	5.40
G6016P-04-06	1/4"	3/8"	6.00
G6016P-04-08	1/4"	1/2"	9.70
G6016P-06-04	3/8"	1/4"	4.70
G6016P-06-05	3/8"	5/16"	6.60
G6016P-06-06	3/8"	3/8"	6.20
G6016P-06-08	3/8"	1/2"	9.60
G6016P-08-06	1/2"	3/8"	8.80
G6016P-08-08	1/2"	1/2"	9.70



## G6016P-UNF... UNF MALE CONNECTOR

	Thread	Tube Size	PRICE EACH
G6016P-UNF-02	10-32	1/8"	3.60
G6016P-UNF-02.5	10-32	5/32"	3.60
G6016P-UNF-04	10-32	1/4"	4.40



## G6008P... FEMALE CONNECTOR

G6008P-02-04	1/8"	1/4"	5.70
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## G6060P... UNION

	Tube Size	PRICE EACH
G6060P-02-02	1/8"	7.90
G6060P-02.5-02.5	5/32"	6.20
G6060P-03-03	3/16"	12.10
G6060P-04-04	1/4"	7.00
G6060P-05-05	5/16"	6.80
G6060P-06-06	3/8"	9.50
G6060P-08-08	1/2"	12.70



Part Number	Pipe Size	Tube Size	PRICE EACH
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## G6090P... 90° UNION

G6090P-02-02	1/8"	1/8"	\$7.80
G6090P-02.5-02.5	5/32"	5/32"	6.40
G6090P-04-04	1/4"	1/4"	7.10
G6090P-05-05	5/16"	5/16"	7.90
G6090P-06-06	3/8"	3/8"	11.20
G6090P-08-08	1/2"	1/2"	14.00



## G6096P... 90° MALE CONNECTOR

G6096P-01-02	1/16"	1/8"	8.00
G6096P-01-02.5	1/16"	5/32"	6.80
G6096P-02-02	1/8"	1/8"	6.00
G6096P-02-02.5	1/8"	5/32"	5.80
G6096P-02-03	1/8"	3/16"	8.70
G6096P-02-04	1/8"	1/4"	5.60
G6096P-02-05	1/8"	5/16"	8.00
G6096P-02-06	1/8"	3/8"	9.00
G6096P-04-02	1/4"	1/8"	6.90
G6096P-04-02.5	1/4"	5/32"	6.70
G6096P-04-04	1/4"	1/4"	6.50
G6096P-04-05	1/4"	5/16"	7.90
G6096P-04-06	1/4"	3/8"	10.10
G6096P-04-08	1/4"	1/2"	11.80
G6096P-06-04	3/8"	1/4"	8.30
G6096P-06-05	3/8"	5/16"	9.50
G6096P-06-06	3/8"	3/8"	10.10
G6096P-06-08	3/8"	1/2"	12.30
G6096P-08-06	1/2"	3/8"	11.20
G6096P-08-08	1/2"	1/2"	12.90



## G6096P-UNF... 90° UNF MALE CONNECTOR

	Thread Size	Tube Size	PRICE EACH
G6096P-UNF-02	10-32	1/8"	8.20
G6096P-UNF-02.5	10-32	5/32"	5.80
G6096P-UNF-04	10-32	1/4"	7.20



Note: Male pipe ends on tees and elbows are swivel style to allow easy orientation during installation

# PUSH-TO-CONNECT TUBE FITTINGS

Part Number	Pipe Size	Tube Size	PRICE EACH
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## G60T00P... UNION TEE



	Tube Size		
G60T00P-02-02	1/8"	1/8"	\$9.60
G60T00P-02.5-02.5	5/32"	5/32"	8.20
G60T00P-03-03	3/16"	3/16"	13.70
G60T00P-04-04	1/4"	1/4"	8.70
G60T00P-05-05	5/16"	5/16"	10.20
G60T00P-06-06	3/8"	3/8"	14.00
G60T00P-08-08	1/2"	1/2"	16.70

## G60T06P... MALE BRANCH TEE



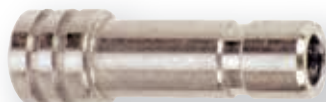
	Pipe Size		
G60T06P-02-04	1/8"	1/4"	9.30
G60T06P-04-04	1/4"	1/4"	11.00
G60T06P-04-06	1/4"	3/8"	16.60

## G60T60P... MALE RUN TEE



G60T60P-02-04	1/8"	1/4"	9.30
G60T60P-02-06	1/8"	3/8"	16.20
G60T60P-04-04	1/4"	1/4"	10.90
G60T60P-04-06	1/4"	3/8"	15.30

## G6100P... PLUG



G6100P-02	1/8"	2.00
G6100P-02.5	5/32"	2.00
G6100P-04	1/4"	2.40
G6100P-05	5/16"	4.00
G6100P-06	3/8"	4.40