

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"	\$ 2.60	\$ 2.20	10
G6316-04-04	PI01-0822S	1/4"	1/4"	3.00	2.50	10
G6316-04-05	PM01-0822S	1/4"	5/16"	3.10	2.60	10
G6316-04-06	PI01-1222S	1/4"	3/8"	4.40	3.70	10
G6316-06-04	PI01-0823S	3/8"	1/4"	4.10	3.40	10
G6316-06-06	PI01-1223S	3/8"	3/8"	5.20	4.30	10
G6316-06-08	PI01-1623S	3/8"	1/2"	7.00	5.80	10
G6316-08-06	PI01-1224S	1/2"	3/8"	7.90	6.60	10
G6316-08-08	PI01-1624S	1/2"	1/2"	7.40	6.20	10

G6396... 90° SOLID MALE CONNECTOR



G6396-02-04	PI48-0821S	1/8"	1/4"	\$ 4.10	\$ 3.40	10
G6396-04-04	PI48-0822S	1/4"	1/4"	4.60	3.80	10
G6396-04-06	PI48-1222S	1/4"	3/8"	7.00	5.80	10
G6396-06-06	PI48-1223S	3/8"	3/8"	7.60	6.30	10

G6616... MALE NPT STEM ADAPTER



G6616-02-04	PI05-0821S	1/8"	1/4"	\$ 1.40	\$ 1.20	10
G6616-04-04	PI05-0822S	1/4"	1/4"	1.40	1.20	10
G6616-04-05	PM05-0822S	1/4"	5/16"	1.40	1.20	10
G6616-04-06	PI05-1222S	1/4"	3/8"	1.80	1.50	10
G6616-06-06	PI05-1223S	3/8"	3/8"	2.20	1.80	10
G6616-06-08	PI05-1623S	3/8"	1/2"	3.60	3.00	10
G6616-08-08	PI05-1624S	1/2"	1/2"	3.60	3.00	10

G6396X... 90° MALE SWIVEL CONNECTOR

A swivel elbow is created by inserting a Male Stem Swivel Adapter into a Union Elbow.



G63T16X... MALE SWIVEL BRANCH TEE

A swivel tee is created by inserting a Male Stem Swivel Adapter into a Union Tee.



G63T63X... MALE SWIVEL RUN TEE

A swivel tee is created by inserting a Male Stem Swivel Adapter into a 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"	\$ 4.10	\$ 3.40	10
G6363-06-04	PI20-1208S	3/8"	1/4"	5.50	4.60	10
G6363-06-06	PI-0412S	3/8"	3/8"	5.40	4.50	10
G6363-08-08	PI-0416S	1/2"	1/2"	6.40	5.30	10



Tube Size
Tube Size

G6393... 90° UNION

G6393-04-04	PI03-08S	1/4"	1/4"	\$ 4.60	\$ 3.80	10
G6393-05-05	PM03-08S	5/16"	5/16"	5.30	4.40	10
G6393-06-06	PI03-12S	3/8"	3/8"	7.00	5.80	10
G6393-08-08	PI03-16S	1/2"	1/2"	8.20	6.80	10



G63T33... UNION TEE

G63T33-04-04	PI02-08S	1/4"	1/4"	\$ 5.90	\$ 4.90	10
G63T33-05-05	PM02-08S	5/16"	5/16"	6.00	5.00	10
G63T33-06-04	PI30-1208S	3/8"	1/4"	9.40	7.80	10
G63T33-06-06	PI02-12S	3/8"	3/8"	7.20	6.00	10
G63T33-08-06	PI30-1612S	1/2"	3/8"	9.80	8.20	10
G63T33-08-08	PI02-16S	1/2"	1/2"	8.80	7.30	10



G6363BH... BULKHEAD UNION

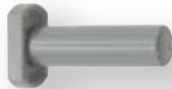
Part Number	Cross Reference	Tube Size	Mounting Hole	PRICE EACH		Pkg Qty
				Loose	Std Pkg	
G6363BH-04-04	PI12-08S	1/4"	0.67"	\$ 7.70	\$ 6.40	10
G6363BH-05-05	PM12-08S	5/16"	0.67"	9.70	8.10	10
G6363BH-06-06	PI12-12S	3/8"	0.83"	10.10	8.40	10
G6363BH-08-08	PI12-16S	1/2"	1.06"	16.40	13.70	10



Tube Size
Mounting Hole

G6300... PLUG

G6300-04	PI08-08S	1/4"	\$ 1.10	\$ 0.90	10
G6300-05	PM08-08S	5/16"	1.40	1.20	10
G6300-06	PI08-12S	3/8"	1.80	1.50	10
G6300-08	PI08-16S	1/2"	2.80	2.30	10



G6304... FEMALE SAE FLARE CONNECTOR

G6304-04-06		1/4"	3/8"	\$ 9.20	\$ 5.10	10
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SAE Size
Tube Size

Part Number	Cross Reference	Pipe Size	Tube Size	PRICE EACH		Pkg Qty
				Loose	Std Pkg	
G6308... FEMALE NPT CONNECTOR						
G6308-04-06		1/4"	3/8"	\$ 7.70	\$ 6.50	10



G6361... FEMALE COMPRESSION CONNECTOR

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

Part Number	Cross Reference	Female Thread	Tube Size	PRICE EACH		Pkg Qty
				Loose	Std Pkg	
G6361-04-04	CI32-08U7S	-04 (7/16-24)	1/4"	\$ 5.20	\$ 4.30	10
G6361-04-06	CI32-12U7S	-04 (7/16-24)	3/8"	5.80	4.80	10



Female Thread
Tube Size

G6621... HOSE BARB STEM ADAPTER

Part Number	Cross Reference	Tube Size	Hose Size	PRICE EACH		Pkg Qty
				Loose	Std Pkg	
G6621-04-04	PI25-0808S	1/4"	1/4"	\$ 2.60	\$ 2.20	10
G6621-06-04	PI25-1208S	3/8"	1/4"	3.60	3.00	10
G6621-06-06	PI25-1212S	3/8"	3/8"	4.10	3.40	10
G6621-08-08	PI25-1616S	1/2"	1/2"	5.40	4.50	10



Tube Size
Hose Size

G6603... SOFT TUBE INSERT

Part Number	Cross Reference	Tube O.D.	Tube I.D.	PRICE EACH		Pkg Qty
				Loose	Std Pkg	
G6603-05-04	TSI-250S	5/16"	1/4"	\$ 0.40	\$ 0.30	100
G6603-06-05	TSI-312S	3/8"	5/16"	0.50	0.40	100
G6603-08-06	TSI-375S	1/2"	3/8"	0.50	0.40	100



Tube O.D.
Tube I.D.

G6363CV... CHECK VALVE

G6363CV-04-04	1/4SCV	1/4"	1/4"	\$ 18.90	1
G6363CV-06-06	3/8SCV	3/8"	3/8"	19.40	1



Tube Size
Tube Size

Part	Cross	Pipe	Tube	PRICE EACH	Pkg
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Push To Connect

Number Reference Size Size Loose Std Pkg Qty

V63AW... VALVE FOR AIR OR WATER*



V63AW-06-06	PISV04-12S	3/8"	3/8"		\$ 14.70	1
V63AW-08-08	PISV04-16S	1/2"	1/2"		14.90	1

V64W... POLYPROPYLENE VALVE FOR WATER ONLY*



V64W-04-04	PPSV04-0808W	1/4"	1/4"		\$ 10.20	1
V64W-06-06	PPSV04-1212W	3/8"	3/8"		10.80	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"		\$ 10.20	1
V6416W-06-06	PPSV01-1223W	3/8"	3/8"		10.80	1

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



V6498W-04-04	PPSV50-0822W	1/4"	1/4"		\$ 11.20	1
V6498W-04-06	PPSV50-1222W	1/4"	3/8"		11.70	1

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

Number Reference Size Size Loose Std Pkg Qty

V6406... POLYPROPYLENE ANGLE STOP ADAPTER TEE VALVE

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



		Riser Size	Tube Size		
V6406-06-04	ASVPP1	3/8" (9/16"-24)	1/4"	\$ 19.90	1
V6406-06-06	ASVPP2	3/8" (9/16"-24)	3/8"	20.60	1

G6300LC... LOCKING CLIP



G6300LC-04	PIC18-08R	1/4"		\$ 0.40	\$ 0.30	100
G6300LC-06	PIC18-12R	3/8"		0.40	0.30	100

G6300MC... VALVE MOUNTING CLIP



G6300MC-06	SVMC-10	3/8"		\$ 3.20	\$ 2.70	10
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Push To Connect

Part Cross Pipe Tube PRICE EACH Pkg

PUSH-TO-CONNECT TUBE FITTINGS

Pressure rating: 265 psi at 20°C (68°F)

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

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

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

G6016P-01-02	1/16"	1/8"	\$ 4.30
G6016P-01-02.5	1/16"	5/32"	3.70
G6016P-02-02	1/8"	1/8"	3.70
G6016P-02-02.5	1/8"	5/32"	3.50
G6016P-02-03	1/8"	3/16"	5.30
G6016P-02-04	1/8"	1/4"	4.10
G6016P-02-05	1/8"	5/16"	3.80
G6016P-02-06	1/8"	3/8"	6.80
G6016P-04-02	1/4"	1/8"	5.20
G6016P-04-02.5	1/4"	5/32"	4.70
G6016P-04-03	1/4"	3/16"	5.20
G6016P-04-04	1/4"	1/4"	4.20
G6016P-04-05	1/4"	5/16"	5.20
G6016P-04-06	1/4"	3/8"	6.80
G6016P-04-08	1/4"	1/2"	7.60
G6016P-06-04	3/8"	1/4"	5.00
G6016P-06-05	3/8"	5/16"	5.80
G6016P-06-06	3/8"	3/8"	6.90
G6016P-06-08	3/8"	1/2"	7.60
G6016P-08-06	1/2"	3/8"	7.60
G6016P-08-08	1/2"	1/2"	7.60



G6016P-UNF... UNF MALE CONNECTOR

	Thread		
G6016P-UNF-02	10-32	1/8"	\$ 3.10
G6016P-UNF-02.5	10-32	5/32"	3.10
G6016P-UNF-04	10-32	1/4"	6.20



G6008P... FEMALE CONNECTOR

G6008P-02-04	1/8"	1/4"	\$ 4.70
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G6060P... UNION

	Tube Size		
G6060P-02-02	1/8"	1/8"	\$ 6.90
G6060P-02.5-02.5	5/32"	5/32"	5.40
G6060P-03-03	3/16"	3/16"	8.40
G6060P-04-04	1/4"	1/4"	5.20
G6060P-05-05	5/16"	5/16"	5.90
G6060P-06-06	3/8"	3/8"	8.40
G6060P-08-08	1/2"	1/2"	11.40



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

G6090P-02-02	1/8"	1/8"	\$ 6.90
G6090P-02.5-02.5	5/32"	5/32"	5.70
G6090P-04-04	1/4"	1/4"	6.30
G6090P-05-05	5/16"	5/16"	7.10
G6090P-06-06	3/8"	3/8"	10.10
G6090P-08-08	1/2"	1/2"	12.10



G6096P... 90° MALE CONNECTOR

G6096P-01-02	1/16"	1/8"	\$ 5.70
G6096P-01-02.5	1/16"	5/32"	5.70
G6096P-02-02	1/8"	1/8"	5.30
G6096P-02-02.5	1/8"	5/32"	5.00
G6096P-02-03	1/8"	3/16"	6.10
G6096P-02-04	1/8"	1/4"	4.80
G6096P-02-05	1/8"	5/16"	7.00
G6096P-02-06	1/8"	3/8"	7.40
G6096P-04-02	1/4"	1/8"	6.00
G6096P-04-02.5	1/4"	5/32"	5.80
G6096P-04-04	1/4"	1/4"	5.60
G6096P-04-05	1/4"	5/16"	7.10
G6096P-04-06	1/4"	3/8"	8.70
G6096P-04-08	1/4"	1/2"	10.40
G6096P-06-04	3/8"	1/4"	6.90
G6096P-06-05	3/8"	5/16"	8.20
G6096P-06-06	3/8"	3/8"	8.90
G6096P-06-08	3/8"	1/2"	10.60
G6096P-08-06	1/2"	3/8"	9.70
G6096P-08-08	1/2"	1/2"	11.10



G6096P-UNF... 90° UNF MALE CONNECTOR

	Thread Size		
G6096P-UNF-02	10-32	1/8"	\$ 5.00
G6096P-UNF-02.5	10-32	5/32"	5.00
G6096P-UNF-04	10-32	1/4"	6.20



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"	\$ 8.30
G60T00P-02.5-02.5	5/32"	5/32"	7.10
G60T00P-03-03	3/16"	3/16"	8.80
G60T00P-04-04	1/4"	1/4"	7.50
G60T00P-05-05	5/16"	5/16"	8.80
G60T00P-06-06	3/8"	3/8"	12.10
G60T00P-08-08	1/2"	1/2"	14.40

G60T06P... MALE BRANCH TEE



	Pipe Size		
G60T06P-02-04	1/8"	1/4"	\$ 7.20
G60T06P-04-04	1/4"	1/4"	8.20
G60T06P-04-06	1/4"	3/8"	13.30

G60T60P... MALE RUN TEE



G60T60P-02-04	1/8"	1/4"	\$ 8.00
G60T60P-02-06	1/8"	3/8"	14.00
G60T60P-04-04	1/4"	1/4"	9.40
G60T60P-04-06	1/4"	3/8"	12.80

G6100P... PLUG



G6100P-02	1/8"	\$ 1.50
G6100P-02.5	5/32"	1.50
G6100P-04	1/4"	1.80
G6100P-05	5/16"	2.60
G6100P-06	3/8"	3.10