

Snap-tite GF-Series

Quick Couplings for Natural & Propane Gas

CSA and ANSI Approved brass coupling

Parker Snap-tite's GF/GF-1 Series couplings are designed for use on small gas appliances. They are valved on the coupler half and will automatically shut off gas flow when coupling is disconnected and automatically open on connection.

They also incorporate a safety fuse in the nipple that will shut off the gas supply to your application in the event temperatures exceed 177°C.



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GF-Series Features:

- Brass construction
- Superior flow capacity
- 1/2 psi max pressure rating
- 1/4" - 1 1/4" size range
- Fusible link internal to the nipple protects against gas-fed fires
- Certified to ANSI Z21-41-2011, CSA 6.9-2011 for use with natural, manufactured and mixed gases, liquefied petroleum gases and LP gas-air mixtures



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Technical and Dimensional Information


Specifications GF-Series

Body Size	1/4	3/8	1/2	3/4	1	1 1/4
Flow Capacity*	24,300 Btu/hr	50,000 Btu/hr	99,600 Btu/hr	212,000 Btu/hr	378,000 Btu/hr	475,000 Btu/hr


Temperature Range: Standard GF/GF-1 (indoor use) temperature range: 32°F up to +200°F (0°C up to +93°C).
Contact QCDE Sales Team for low temperature version (outdoor use) temperature range: -40°F up to +200°F (-40°C up to +93°C).
Coupler part number suffixed with "L".

* Based on a 1000 Btu per cubic foot gas with a specific gravity of 0.64 at a pressure drop of 0.3 in w.c.

Coupling

	Body Size	Part Number Brass	Connection	Length mm	Connected Length mm	Largest Diameter mm	Wrench Flats mm	Weight (lbs)
	1/4	BVGFC4-4F	1/4-18 NPTF	41,66	61,21	24,38	22,35	0.194
	3/8	BVGFC6-6F	3/8-18 NPTF	48,26	68,33	30,99	25,40	0.284
	1/2	BVGF-1C8-8F	1/2-14 NPTF	62,74	86,11	36,07	25,40	0.326
	3/4	BVGF-1C12-12F	3/4-14 NPTF	63,75	88,39	42,16	33,27	0.534
	1	BVGFC16-16F	1-11 1/2 NPTF	68,33	99,31	51,56	47,75	1.150
	1 1/4	BVGFC20-20F	1 1/4-11 1/2 NPTF	89,92	123,95	57,15	50,80	1.568

Plug

	Body Size	Part Number Brass	Connection	Length mm	Connected Length mm	Largest Diameter mm	Wrench Flats mm	Weight (lbs)
	1/4	BPGFN4-4F	1/4-18 NPTF	33,53	61,21	17,53	15,75	0.052
	3/8	BPGFN6-6F	3/8-18 NPTF	38,61	68,33	23,11	20,57	0.105
	1/2	BPGF-1N8-8F	1/2-14 NPTF	39,37	86,11	28,70	25,40	0.154
	3/4	BPGF-1N12-12F	3/4-14 NPTF	45,47	88,39	34,04	30,23	0.212
	1	BPGFN16-16F	1-11 1/2 NPTF	53,34	99,31	41,91	38,10	0.380
	1 1/4	BPGFN20-20F	1 1/4-11 1/2 NPTF	56,39	123,95	52,32	47,75	0.576

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