



PLUMBING SOLUTIONS

Potable Water Expansion Tanks

Water Heater Connectors

Commercial Water Connectors

Specialty Connectors

Water Softener Connectors

Braided Water Connectors

Water Connection





THERMAL EXPANSION TANKS

Safe and secure under pressure.



Steel clench ring regulates movement and prevents diaphragm from rubbing against tank wall

100% pressure tested

16-gauge solid steel tank, finished with highest quality urethane paint

Stainless steel water connection to reduce corrosion

THERMAL EXPANSION TANKS

Potable Water Expansion Tanks

For water heaters and boilers

Code	Description	Qty
EXPTMINI	Mini Thermal expansion tank - 1/2" MIP SS connection	1
EXPT2	Thermal expansion tank - 2.1 gallon - 3/4" MIP SS connection	1
EXPT4	Thermal expansion tank - 4.8 gallon - 3/4" MIP SS connection	1
EXPT10	Thermal expansion tank - 10.1 gallon - 3/4" MIP SS connection	1
EXPT14	Thermal expansion tank - 14.5 gallon - 1" FIP SS connection	1



FEATURES

- 16 gauge cold rolled steel tank
- 100% BUTYL rubber diaphragm
- Stainless steel connection
- 100% pressure tested
- Brass air valve with o-ring seal

APPLICATION • Absorb excess pressure created by thermal expansion in water heating systems

RECOMMENDED FOR

- Commercial and residential water heaters
- Mini tankless water heaters
- Boilers



Problem

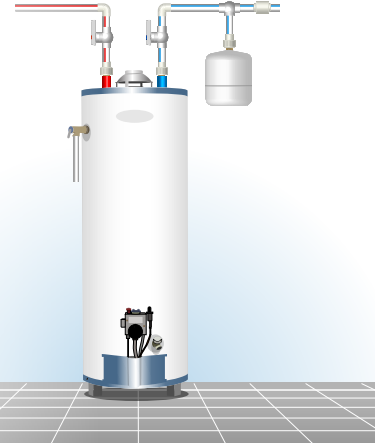
Adding a backflow preventer, check valve, or water meter with a check valve creates a closed loop system.

When water heats up, it expands with no place to go except through the relief valve.



Solution

Installed on the cold water inlet, the thermal expansion tank provides a reservoir for the water to expand.



Size selection chart

Volume (Gallons)	Maximum Water temperature			
	130° F	140° F	160° F	180° F
30	EXPT2	EXPT2	EXPT2	EXPT2
40	EXPT2	EXPT2	EXPT2	EXPT2
50	EXPT2	EXPT2	EXPT2	EXPT4
60	EXPT2	EXPT2	EXPT2	EXPT4
80	EXPT2	EXPT4	EXPT4	EXPT4
100	EXPT4	EXPT4	EXPT4	EXPT10
120	EXPT4	EXPT4	EXPT4	EXPT10
150	EXPT4	EXPT4	EXPT10	EXPT10
175	EXPT4	EXPT10	EXPT10	EXPT10

Sizing based on water heater recovery from 40°F, water supply pressure of 60 PSIG, and relief valve set at 150 PSIG. Adjust tank precharge to equal incoming water pressure.



WARNING • This product can expose you to chemicals including Carbon Disulfide, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.



WATER CONNECTION

Flexible water connectors



- 304 series stainless steel
- Chrome plated brass nuts
- 100% leak tested



Stainless steel hoses designed with
flow performance for high-capacity
water appliances

designed for residential and commercial applications.



WATER CONNECTOR APPLICATIONS



Water connectors are flexible, stainless steel lines designed to connect various equipment to the available water supply.

Commercial and residential applications for the following equipment:

- Boilers
- Softeners
- Tanked Water Heaters
- Tankless Water Heaters
- Pumps
(using over braid connector)
- Water Treatment

WATER CONNECTOR TYPES



Threaded

Traditional, screw on connector for use with metal and plastic threaded male connectors.



Push to Connect

Pushes onto piping. For use with copper, PEX and CPVC pipe.



PEX

Inserted into a PEX line and held in place with ridges on the connector.



Nylon

Threaded, nylon connector used with water softeners.



Copper Sweat

Slips over copper pipe. Can be soldered or cut at bell and soldered into a ball valve.



Copper Press

Solderless copper connector requires professional crimping tool for connection.

Water Heater Connectors

For residential applications

GEN-U-Flex - 3/4" O.D. water connectors		
Code	Description	Qty
GFF030418	3/4" O.D. SS flex with 3/4" FIP X 3/4" FIP X 18"	25
GFF030424	3/4" O.D. SS flex with 3/4" FIP X 3/4" FIP X 24"	25
Super-Flex - 3/4" I.D. water connectors		
FF12	3/4" I.D. SS flex with 3/4" FIP X 3/4" FIP X 12"	25
FF15	3/4" I.D. SS flex with 3/4" FIP X 3/4" FIP X 15"	25
FF18	3/4" I.D. SS flex with 3/4" FIP X 3/4" FIP X 18"	25
FF24	3/4" I.D. SS flex with 3/4" FIP X 3/4" FIP X 24"	25
FF36	3/4" I.D. SS flex with 3/4" FIP X 3/4" FIP X 36"	25
FF48	3/4" I.D. SS flex with 3/4" FIP X 3/4" FIP X 48"	25
FF60	3/4" I.D. SS flex with 3/4" FIP X 3/4" FIP X 60"	25
Ultra-Flex - 3/4" I.D. water connectors		
SWC34006	3/4" I.D. Ultra flex with 3/4" FIP X 3/4" FIP X 6"	25
SWC34012	3/4" I.D. Ultra flex with 3/4" FIP X 3/4" FIP X 12"	25
SWC34015	3/4" I.D. Ultra flex with 3/4" FIP X 3/4" FIP X 15"	25
SWC34018	3/4" I.D. Ultra flex with 3/4" FIP X 3/4" FIP X 18"	25
SWC34024	3/4" I.D. Ultra flex with 3/4" FIP X 3/4" FIP X 24"	25
Copper sweat water connectors		
SWTF15	3/4" I.D. SS flex with 3/4" FIP X 7/8" copper SWT X 15"	25
SWTF18	3/4" I.D. SS flex with 3/4" FIP X 7/8" copper SWT X 18"	25
SWTF24	3/4" I.D. SS flex with 3/4" FIP X 7/8" copper SWT X 24"	25
SWTF13418	3/4" I.D. SS flex with 1" FIP X 7/8" copper SWT X 18"	25
SWTF13424	3/4" I.D. SS flex with 1" FIP X 7/8" copper SWT X 24"	25
1/2" I.D. water connectors		
S0212	1/2" I.D. SS flex with 1/2" FIP X 1/2" FIP X 12"	25
S0216	1/2" I.D. SS flex with 1/2" FIP X 1/2" FIP X 16"	25
S0220	1/2" I.D. SS flex with 1/2" FIP X 1/2" FIP X 20"	25
S0230	1/2" I.D. SS flex with 1/2" FIP X 1/2" FIP X 30"	25
S0236	1/2" I.D. SS flex with 1/2" FIP X 1/2" FIP X 36"	25



FEATURES

- 304 series stainless steel
- Maintains optimal flow with full port design
- 100% leak tested
- Chrome plated brass nuts
- High temp EPDM washer chlorine and chloramine resistant
- No dielectric union required
- 250 maximum PSI
- -40°F to 180°F

CERTIFICATIONS

- Complies to ASME A112.18.6
- Complies to CSA B125.6
- NSF 61 compliant
- NSF 372 compliant

APPLICATION • Corrugated 304 stainless steel flexible connector used to connect the cold and hot water supply lines to water appliances.

RECOMMENDED FOR

- Water heaters
- Mini tankless water heaters



WARNING • This product can expose you to chemicals including Nickel, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Commercial Water Connectors

For water heaters, softeners and boilers

1" I.D. water connectors		
Code	Description	Qty
SWC112	1" I.D. SS flex with 1" FIP X 1" FIP X 12"	25
SWC118	1" I.D. SS flex with 1" FIP X 1" FIP X 18"	25
SWC124	1" I.D. SS flex with 1" FIP X 1" FIP X 24"	25
SWC136	1" I.D. SS flex with 1" FIP X 1" FIP X 36"	25
1-1/4" I.D. water connectors		
SWC11418	1-1/4" I.D. SS flex with 1-1/4" FIP X 1-1/4" FIP X 18"	25
SWC11424	1-1/4" I.D. SS flex with 1-1/4" FIP X 1-1/4" FIP X 24"	25
1-1/2" I.D. water connectors		
SWC11218	1-1/2" I.D. SS flex with 1-1/2" FIP X 1-1/2" FIP X 18"	25
SWC11224	1-1/2" I.D. SS flex with 1-1/2" FIP X 1-1/2" FIP X 24"	25
2" I.D. water connectors		
SWC218	2" I.D. SS flex with 2" FIP X 2" FIP X 18"	25
SWC224	2" I.D. SS flex with 2" FIP X 2" FIP X 24"	25



FEATURES

- 304 series stainless steel
- Maintains optimal flow with full port design
- 100% leak tested
- Chrome plated brass nuts
- High temp EPDM washer chlorine and chloramine resistant
- No dielectric union required
- 250 maximum PSI
- -40°F to 180°F

CERTIFICATIONS

- Complies to ASME A112.18.6
- Complies to CSA B125.6
- NSF 61 compliant
- NSF 372 compliant

APPLICATION • Corrugated 304 stainless steel flexible connector used to connect the cold and hot water supply lines of higher flow water appliances.

RECOMMENDED FOR

- Commercial water heaters • Boilers
- Water softeners



Specialty Connections

For water heaters and softeners

Copper press water connectors		
Code	Description	Qty
FSP18	3/4" I.D. SS flex with 3/4" FIP X 7/8" copper press X 18"	25
FSP24	3/4" I.D. SS flex with 3/4" FIP X 7/8" copper press X 24"	25
Pex A water connectors		
UPEXFP18	3/4" I.D. SS flex with 3/4" FIP X 3/4" Uponor* PEX X 18"	25
UPEXFP24	3/4" I.D. SS flex with 3/4" FIP X 3/4" Uponor* PEX X 24"	25
Pex B/C water connectors		
PEXGF18	3/4" O.D. SS flex with 3/4" FIP X PEX barb X 18"	25
PEXGF24	3/4" O.D. SS flex with 3/4" FIP X PEX barb X 24"	25
Push to connect water connectors		
PTCPTC3418A	3/4" I.D. SS flex with 3/4" JG PTC X 3/4" JG PTC X 18"	25
PTC34JG18A	3/4" I.D. SS flex with 3/4" JG PTC X 3/4" FIP X 18"	25
PTC34JG24A	3/4" I.D. SS flex with 3/4" JG PTC X 3/4" FIP X 24"	25
PTCFIPV18A	3/4" I.D. SS flex with 3/4" PTCBALL VLV X 3/4" FIP X 18"	25
PTCFIPV24A	3/4" I.D. SS flex with 3/4" PTCBALL VLV X 3/4" FIP X 24"	25
PTC34JGCLKQC18A	3/4" I.D. SS flex with 3/4" JG PTC X Clack QC X 18"	25
PTC34JGCLKQC24A	3/4" I.D. SS flex with 3/4" JG PTC X Clack QC X 24"	25
PTC34JG1N18A	3/4" I.D. SS flex with 3/4" JG PTC X 1" nylon FIP X 18"	25
PTC34JG1N24A	3/4" I.D. SS flex with 3/4" JG PTC X 1" nylon FIP X 24"	25
PTC34JG114N18A	3/4" I.D. SS flex with 3/4" JG PTC X 1-1/4" nylon FIP X 18"	25
PTC1JG1N18A	1" I.D. SS flex with 1" JG PTC X 1" nylon FIP X 18"	25
PTC1JG1N24A	1" I.D. SS flex with 1" JG PTC X 1" nylon FIP X 24"	25
PTC1JGCLKQC18A	1" I.D. SS flex with 1" JG PTC X Clack QC X 18"	25
PTC1JGCLKQC24A	1" I.D. SS flex with 1" JG PTC X Clack QC X 24"	25
PTC1JG114N18A	1" I.D. SS flex with 1" JG PTC X 1-1/4" nylon FIP X 18"	25
PTC1JG114N24A	1" I.D. SS flex with 1" JG PTC X 1-1/4" nylon FIP X 24"	25



FEATURES

- 304 series stainless steel
- Maintains optimal flow with full port design
- 100% leak tested
- Chrome plated brass nuts
- High temp EPDM washer chlorine and chloramine resistant
- No dielectric union required
- 250 maximum PSI
- -40°F to 180°F

CERTIFICATIONS

- Complies to ASME A112.18.6
- Complies to CSA B125.6
- NSF 61 compliant
- NSF 372 compliant

*Uponor is a registered trademark of Uponor Corporation

APPLICATION • Corrugated 304 stainless steel flexible connector used to connect the cold and hot water supply lines to any water appliance. Various specialty connection options for copper, CPVC, PEX A, and PEX B/C.

RECOMMENDED FOR

- Water heaters • Water softeners



Water Softener Connectors

For softeners & commercial heaters

3/4" I.D. water connectors		
Code	Description	Qty
SWC13418	3/4" I.D. SS flex with 1" FIP X 3/4" FIP X 18"	25
SWC13424	3/4" I.D. SS flex with 1" FIP X 3/4" FIP X 24"	25
Nylon threaded		
SWCN13418	3/4" I.D. SS flex with 1" nylon FIP X 3/4" FIP X 18"	25
SWCN1143418	3/4" I.D. SS flex with 1-1/4" nylon FIP X 3/4" FIP X 18"	25
SWCN1143424	3/4" I.D. SS flex with 1-1/4" nylon FIP X 3/4" FIP X 24"	25
SWCN114112	1" I.D. SS flex with 1-1/4" nylon FIP X 1" FIP X 12"	25
SWCN114118	1" I.D. SS flex with 1-1/4" nylon FIP X 1" FIP X 18"	25
SWCN114124	1" I.D. SS flex with 1-1/4" nylon FIP X 1" FIP X 24"	25
Male X Female water connectors		
FM18	3/4" I.D. SS flex with 3/4" FIP X 3/4" MIP X 18"	25
FM24	3/4" I.D. SS flex with 3/4" FIP X 3/4" MIP X 24"	25
FM118	1" I.D. SS flex with 1" FIP X 1" MIP X 18"	25
FM124	1" I.D. SS flex with 1" FIP X 1" MIP X 24"	25
Clack™ quick disconnect water connectors		
CLKQC34FIP18	3/4" I.D. SS flex with Clack QC X 3/4" FIP X 18"	25
CLKQC34FIP24	3/4" I.D. SS flex with Clack QC X 3/4" FIP X 24"	25
CLKQC1FIP18	1" I.D. SS flex with Clack QC X 1" FIP X 18"	25
CLKQC1FIP24	1" I.D. SS flex with Clack QC X 1" FIP X 24"	25
CLKQCQC18	1" I.D. SS flex with Clack QC X Clack QC X 18"	25
CLKQCQC24	1" I.D. SS flex with Clack QC X Clack QC X 24"	25
ClackSET	Nut, split ring, o-ring for Clack	100
Copper sweat water connectors		
SWTF115	1" I.D. SS flex with 1" FIP X 1-1/8" copper SWT X 15"	25
SWTF118	1" I.D. SS flex with 1" FIP X 1-1/8" copper SWT X 18"	25
SWTF124	1" I.D. SS flex with 1" FIP X 1-1/8" copper SWT X 24"	25



FEATURES

- 304 series stainless steel
- Maintains optimal flow with full port design
- 100% leak tested
- Chrome plated brass nuts
- High temp EPDM washer chlorine and chloramine resistant
- No dielectric union required
- 250 maximum PSI
- -40°F to 180°F

CERTIFICATIONS

- Complies to ASME A112.18.6
- Complies to CSA B125.6
- NSF 61 compliant
- NSF 372 compliant

APPLICATION • Corrugated 304 stainless steel flexible connector used to connect the cold and hot water supply lines to water appliances.

Nylon thread and Clack QC allow for connection to water softener bypasses.

RECOMMENDED FOR

- Water softeners • Commercial water heaters



Braided Water Connectors

For pumps, softeners and boilers

3/4" I.D. water connectors		
Code	Description	Qty
SWC34018OVERBRAID	3/4" I.D. SS flex with 3/4" FIP X 3/4" FIP X 18" OB	25
SWC34024OVERBRAID	3/4" I.D. SS flex with 3/4" FIP X 3/4" FIP X 24" OB	25
1" I.D. water connectors		
SWC118OVERBRAID	1" I.D. SS flex with 1" FIP X 1" FIP X 18" OB	25
SWC124OVERBRAID	1" I.D. SS flex with 1" FIP X 1" FIP X 24" OB	25
1-1/4" water connectors		
SWC11418OVERBRAID	1-1/4" I.D. SS flex with 1-1/4" FIP X 1-1/4" FIP X 18" OB	25
SWC11424OVERBRAID	1-1/4" I.D. SS flex with 1-1/4" FIP X 1-1/4" FIP X 24" OB	25
1-1/2" I.D. water connectors		
SWC11218OVERBRAID	1-1/2" I.D. SS flex with 1-1/2" FIP X 1-1/2" FIP X 18" OB	10
SWC11224OVERBRAID	1-1/2" I.D. SS flex with 1-1/2" FIP X 1-1/2" FIP X 24" OB	10
SWC11236OVERBRAID	1-1/2" I.D. SS flex with 1-1/2" FIP X 1-1/2" FIP X 36" OB	10
2" I.D. water connectors		
SWC218OVERBRAID	2" I.D. SS flex with 2" FIP X 2" FIP X 18" OB	10
SWC224OVERBRAID	2" I.D. SS flex with 2" FIP X 2" FIP X 24" OB	10

APPLICATION • Braided 304 stainless steel flexible connector used to connect the cold and hot water supply lines to water appliances.

Overbraid allows for repeated bending and vibration.

RECOMMENDED FOR

- Water heaters • Water softeners • Pumps
- Boilers



FEATURES

- 304 series stainless steel
- Maintains optimal flow with full port design
- 100% leak tested
- Chrome plated brass nuts
- High temp EPDM washer chlorine and chloramine resistant
- No dielectric union required
- 300 maximum PSI
- -40°F to 180°F

CERTIFICATIONS

- Complies to ASME A112.18.6
- Complies to CSA B125.6
- NSF 61 compliant
- NSF 372 compliant





PLUMBING SOLUTIONS

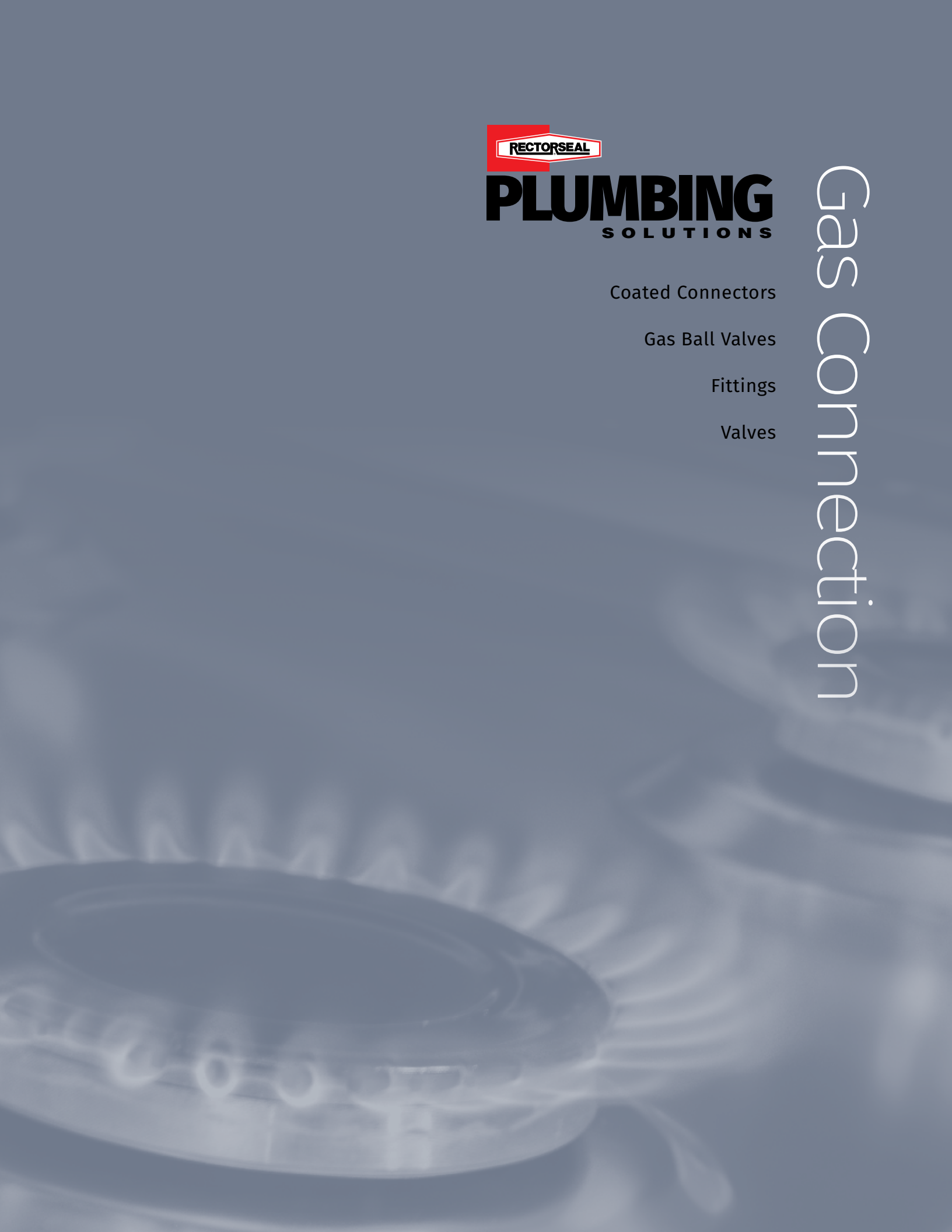
Coated Connectors

Gas Ball Valves

Fittings

Valves

Gas Connection





GAS CONNECTION

Flexible coated connectors



- 304 series stainless steel
- Epoxy resin coated
- 100% leak tested

Coated stainless steel hoses designed to provide a safe connection to residential and commercial gas equipment

designed for gas appliances.



APPLICATION

- Corrugated 304 stainless steel coated flexible connector used to connect appliances to the gas supply line

RECOMMENDED FOR

- Gas ranges, gas dryers, water heaters, furnaces, tankless water heaters, boilers, fireplaces, fire logs, space heaters

FEATURES

- 304 series stainless steel
- Eco-friendly trivalent chromium fittings
- Epoxy resin coated
- 100% leak tested
- CSA tested listed & approved

CERTIFICATIONS

- Complies to ANSI Z21.24/CSA 6.10
- Complies to ANSI Z21.75/CSA 6.27



WARNING • This product can expose you to chemicals including Chromium (hexavalent compounds), which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Contact: RectorSeal®

P 713-263-8001 | 800-231-3345

F 713-263-7577 | 800-441-0051

W rectorseal.com

FALCON GAS CONNECTING SOLUTIONS

3/8" O.D. (1/4" I.D.) Coated gas connector

Connector with fittings

Code	Description	Qty
SGC38ODC12M12F12	1/4" I.D. SS coated gas connector – 1/2" MIP X 1/2" FIP X 12"	25
SGC38ODC12M12M12	1/4" I.D. SS coated gas connector – 1/2" MIP X 1/2" MIP X 12"	25
SGC38ODC12M38F38	1/4" I.D. SS coated gas connector – 3/8" MIP X 3/8" FIP X 12"	25
SGC38ODC18M12F12	1/4" I.D. SS coated gas connector – 1/2" MIP X 1/2" FIP X 18"	25
SGC38ODC18M12M12	1/4" I.D. SS coated gas connector – 1/2" MIP X 1/2" MIP X 18"	25
SGC38ODC18M38F38	1/4" I.D. SS coated gas connector – 3/8" MIP X 3/8" FIP X 18"	25
SGC38ODC24M12F12	1/4" I.D. SS coated gas connector – 1/2" MIP X 1/2" FIP X 24"	25
SGC38ODC24M12M12	1/4" I.D. SS coated gas connector – 1/2" MIP X 1/2" MIP X 24"	25
SGC38ODC24M38F38	1/4" I.D. SS coated gas connector – 3/8" MIP X 3/8" FIP X 24"	25
SGC38ODC30M12F12	1/4" I.D. SS coated gas connector – 1/2" MIP X 1/2" FIP X 30"	25
SGC38ODC30M12M12	1/4" I.D. SS coated gas connector – 1/2" MIP X 1/2" MIP X 30"	25
SGC38ODC30M38F38	1/4" I.D. SS coated gas connector – 3/8" MIP X 3/8" FIP X 30"	25
SGC38ODC36M12F12	1/4" I.D. SS coated gas connector – 1/2" MIP X 1/2" FIP X 36"	25
SGC38ODC36M12M12	1/4" I.D. SS coated gas connector – 1/2" MIP X 1/2" MIP X 36"	25
SGC38ODC36M38F38	1/4" I.D. SS coated gas connector – 3/8" MIP X 3/8" FIP X 36"	25
SGC38ODC48M12F12	1/4" I.D. SS coated gas connector – 1/2" MIP X 1/2" FIP X 48"	25
SGC38ODC48M12M12	1/4" I.D. SS coated gas connector – 1/2" MIP X 1/2" MIP X 48"	25
SGC38ODC48M38F38	1/4" I.D. SS coated gas connector – 3/8" MIP X 3/8" FIP X 48"	25
SGC38ODC60M12F12	1/4" I.D. SS coated gas connector – 1/2" MIP X 1/2" FIP X 60"	25
SGC38ODC60M12M12	1/4" I.D. SS coated gas connector – 1/2" MIP X 1/2" MIP X 60"	25
SGC38ODC60M38F38	1/4" I.D. SS coated gas connector – 3/8" MIP X 3/8" FIP X 60"	25
SGC38ODC72M12F12	1/4" I.D. SS coated gas connector – 1/2" MIP X 1/2" FIP X 72"	25
SGC38ODC72M12M12	1/4" I.D. SS coated gas connector – 1/2" MIP X 1/2" MIP X 72"	25
SGC38ODC72M38F38	1/4" I.D. SS coated gas connector – 3/8" MIP X 1/2" FIP X 72"	25

Connector with straight valve

SGC38ODS1C12	1/4" I.D. SS coated GC – 1/2" MIP X 1/2" FIP STR VLV X 12"	25
SGC38ODS1C18	1/4" I.D. SS coated GC – 1/2" MIP X 1/2" FIP STR VLV X 18"	25
SGC38ODS1C24	1/4" I.D. SS coated GC – 1/2" MIP X 1/2" FIP STR VLV X 24"	25
SGC38ODS1C30	1/4" I.D. SS coated GC – 1/2" MIP X 1/2" FIP STR VLV X 30"	25
SGC38ODS1C36	1/4" I.D. SS coated GC – 1/2" MIP X 1/2" FIP STR VLV X 36"	25
SGC38ODS1C48	1/4" I.D. SS coated GC – 1/2" MIP X 1/2" FIP STR VLV X 48"	25
SGC38ODS1C60	1/4" I.D. SS coated GC – 1/2" MIP X 1/2" FIP STR VLV X 60"	25
SGC38ODS1C72	1/4" I.D. SS coated GC – 1/2" MIP X 1/2" FIP STR VLV X 72"	25

Fittings

PS1	3/8" O.D. (5/8"-18) flare X 3/8" FIP	250
PS10	3/8" O.D. (5/8"-18) flare X 3/8" MIP	250
PSTWO	3/8" O.D. (5/8"-18) flare X 1/2" FIP	300
PS11	3/8" O.D. (5/8"-18) flare X 1/2" MIP	300

Valves

BS138FL	3/8" O.D. (5/8"-18) flare X 1/2" FIP gas valve	10
BS112FIP	1/2" FIP X 1/2" FIP gas valve - STD port	10

FALCON GAS CONNECTING SOLUTIONS

1/2" O.D. (3/8" I.D.) Coated gas connector

Connector with fittings

Code	Description	Qty
SGC12ODC12M12F12	3/8" I.D. SS coated gas connector - 1/2" MIP X 1/2" FIP X 12"	25
SGC12ODC12M12M12	3/8" I.D. SS coated gas connector - 1/2" MIP X 1/2" MIP X 12"	25
SGC12ODC12M38M38	3/8" I.D. SS coated gas connector - 3/8" MIP X 3/8" MIP X 12"	25
SGC12ODC18M12F12	3/8" I.D. SS coated gas connector - 1/2" MIP X 1/2" FIP X 18"	25
SGC12ODC18M12M12	3/8" I.D. SS coated gas connector - 1/2" MIP X 1/2" MIP X 18"	25
SGC12ODC18M38M38	3/8" I.D. SS coated gas connector - 3/8" MIP X 3/8" MIP X 18"	25
SGC12ODC24M12F12	3/8" I.D. SS coated gas connector - 1/2" MIP X 1/2" FIP X 24"	25
SGC12ODC24M12M12	3/8" I.D. SS coated gas connector - 1/2" MIP X 1/2" MIP X 24"	25
SGC12ODC24M38M38	3/8" I.D. SS coated gas connector - 3/8" MIP X 3/8" MIP X 24"	25
SGC12ODC30M12F12	3/8" I.D. SS coated gas connector - 1/2" MIP X 1/2" FIP X 30"	25
SGC12ODC30M12M12	3/8" I.D. SS coated gas connector - 1/2" MIP X 1/2" MIP X 30"	25
SGC12ODC30M38M38	3/8" I.D. SS coated gas connector - 3/8" MIP X 3/8" MIP X 30"	25
SGC12ODC36M12F12	3/8" I.D. SS coated gas connector - 1/2" MIP X 1/2" FIP X 36"	25
SGC12ODC36M12M12	3/8" I.D. SS coated gas connector - 1/2" MIP X 1/2" MIP X 36"	25
SGC12ODC36M38M38	3/8" I.D. SS coated gas connector - 3/8" MIP X 3/8" MIP X 36"	25
SGC12ODC48M12F12	3/8" I.D. SS coated gas connector - 1/2" MIP X 1/2" FIP X 48"	25
SGC12ODC48M12M12	3/8" I.D. SS coated gas connector - 1/2" MIP X 1/2" MIP X 48"	25
SGC12ODC48M38M38	3/8" I.D. SS coated gas connector - 3/8" MIP X 3/8" MIP X 48"	25
SGC12ODC60M12F12	3/8" I.D. SS coated gas connector - 1/2" MIP X 1/2" FIP X 60"	25
SGC12ODC60M12M12	3/8" I.D. SS coated gas connector - 1/2" MIP X 1/2" MIP X 60"	25
SGC12ODC60M38M38	3/8" I.D. SS coated gas connector - 3/8" MIP X 3/8" MIP X 60"	25
SGC12ODC72M12F12	3/8" I.D. SS coated gas connector - 1/2" MIP X 1/2" FIP X 72"	25
SGC12ODC72M12M12	3/8" I.D. SS coated gas connector - 1/2" MIP X 1/2" MIP X 72"	25
SGC12ODC72M38M38	3/8" I.D. SS coated gas connector - 3/8" MIP X 3/8" MIP X 72"	25

Connector with straight ball valve

SGC12ODS1C12	3/8" I.D. SS coated GC – 1/2" MIP X 1/2" FIP STR VLV X 12"	25
SGC12ODS1C18	3/8" I.D. SS coated GC – 1/2" MIP X 1/2" FIP STR VLV X 18"	25
SGC12ODS1C24	3/8" I.D. SS coated GC – 1/2" MIP X 1/2" FIP STR VLV X 24"	25
SGC12ODS1C30	3/8" I.D. SS coated GC – 1/2" MIP X 1/2" FIP STR VLV X 30"	25
SGC12ODS1C36	3/8" I.D. SS coated GC – 1/2" MIP X 1/2" FIP STR VLV X 36"	25
SGC12ODS1C48	3/8" I.D. SS coated GC – 1/2" MIP X 1/2" FIP STR VLV X 48"	25
SGC12ODS1C60	3/8" I.D. SS coated GC – 1/2" MIP X 1/2" FIP STR VLV X 60"	25
SGC12ODS1C72	3/8" I.D. SS coated GC – 1/2" MIP X 1/2" FIP STR VLV X 72"	25

Fittings

PS3	1/2" O.D. (3/4"-16) flare X 3/8" FIP	250
PS12	1/2" O.D. (3/4"-16) flare X 3/8" MIP	250
PS4	1/2" O.D. (3/4"-16) flare X 1/2" FIP	200
PS13	1/2" O.D. (3/4"-16) flare X 1/2" MIP	200
PS5	1/2" O.D. (3/4"-16) flare X 3/4" FIP	300
PS14	1/2" O.D. (3/4"-16) flare X 3/4" MIP	200

Valves

BS112F	1/2" O.D. (3/4"-16) flare X 1/2" FIP gas valve	10
BS112FIP	1/2" FIP X 1/2" FIP gas valve - STD port	10

FALCON GAS CONNECTING SOLUTIONS

5/8" O.D. (1/2" I.D.) Coated gas connector

Connector with fittings		
Code	Description	Qty
SGC58ODC12M12F12	1/2" I.D. SS coated gas connector – 1/2" MIP X 1/2" FIP X 12"	25
SGC58ODC12M12M12	1/2" I.D. SS coated gas connector – 1/2" MIP X 1/2" MIP X 12"	25
SGC58ODC12M12M34	1/2" I.D. SS coated gas connector – 1/2" MIP X 3/4" MIP X 12"	25
SGC58ODC12M34F34	1/2" I.D. SS coated gas connector – 3/4" MIP X 3/4" FIP X 12"	25
SGC58ODC12M34M34	1/2" I.D. SS coated gas connector – 3/4" MIP X 3/4" MIP X 12"	25
SGC58ODC18M12F12	1/2" I.D. SS coated gas connector – 1/2" MIP X 1/2" FIP X 18"	25
SGC58ODC18M12M12	1/2" I.D. SS coated gas connector – 1/2" MIP X 1/2" MIP X 18"	25
SGC58ODC18M12M34	1/2" I.D. SS coated gas connector – 1/2" MIP X 3/4" MIP X 18"	25
SGC58ODC18M34F34	1/2" I.D. SS coated gas connector – 3/4" MIP X 3/4" FIP X 18"	25
SGC58ODC18M34M34	1/2" I.D. SS coated gas connector – 3/4" MIP X 3/4" MIP X 18"	25
SGC58ODC24M12F12	1/2" I.D. SS coated gas connector – 1/2" MIP X 1/2" FIP X 24"	25
SGC58ODC24M12M12	1/2" I.D. SS coated gas connector – 1/2" MIP X 1/2" MIP X 24"	25
SGC58ODC24M12M34	1/2" I.D. SS coated gas connector – 1/2" MIP X 3/4" MIP X 24"	25
SGC58ODC24M34F34	1/2" I.D. SS coated gas connector – 3/4" MIP X 3/4" FIP X 24"	25
SGC58ODC24M34M34	1/2" I.D. SS coated gas connector – 3/4" MIP X 3/4" MIP X 24"	25
SGC58ODC30M12F12	1/2" I.D. SS coated gas connector – 1/2" MIP X 1/2" FIP X 30"	25
SGC58ODC30M12M12	1/2" I.D. SS coated gas connector – 1/2" MIP X 1/2" MIP X 30"	25
SGC58ODC30M12M34	1/2" I.D. SS coated gas connector – 1/2" MIP X 3/4" MIP X 30"	25
SGC58ODC30M34F34	1/2" I.D. SS coated gas connector – 3/4" MIP X 3/4" FIP X 30"	25
SGC58ODC30M34M34	1/2" I.D. SS coated gas connector – 3/4" MIP X 3/4" MIP X 30"	25
SGC58ODC36M12F12	1/2" I.D. SS coated gas connector – 1/2" MIP X 1/2" FIP X 36"	25
SGC58ODC36M12M12	1/2" I.D. SS coated gas connector – 1/2" MIP X 1/2" MIP X 36"	25
SGC58ODC36M12M34	1/2" I.D. SS coated gas connector – 1/2" MIP X 3/4" MIP X 36"	25
SGC58ODC36M34F34	1/2" I.D. SS coated gas connector – 3/4" MIP X 3/4" FIP X 36"	25
SGC58ODC36M34M34	1/2" I.D. SS coated gas connector – 3/4" MIP X 3/4" MIP X 36"	25
SGC58ODC48M12F12	1/2" I.D. SS coated gas connector – 1/2" MIP X 1/2" FIP X 48"	25
SGC58ODC48M12M12	1/2" I.D. SS coated gas connector – 1/2" MIP X 1/2" MIP X 48"	25
SGC58ODC48M12M34	1/2" I.D. SS coated gas connector – 1/2" MIP X 3/4" MIP X 48"	25
SGC58ODC48M34F34	1/2" I.D. SS coated gas connector – 3/4" MIP X 3/4" FIP X 48"	25
SGC58ODC48M34M34	1/2" I.D. SS coated gas connector – 3/4" MIP X 3/4" MIP X 48"	25
SGC58ODC60M12F12	1/2" I.D. SS coated gas connector – 1/2" MIP X 1/2" FIP X 60"	25
SGC58ODC60M12M12	1/2" I.D. SS coated gas connector – 1/2" MIP X 1/2" MIP X 60"	25
SGC58ODC60M12M34	1/2" I.D. SS coated gas connector – 1/2" MIP X 3/4" MIP X 60"	25
SGC58ODC60M34F34	1/2" I.D. SS coated gas connector – 3/4" MIP X 3/4" FIP X 60"	25
SGC58ODC60M34M34	1/2" I.D. SS coated gas connector – 3/4" MIP X 3/4" MIP X 60"	25
SGC58ODC72M12F12	1/2" I.D. SS coated gas connector – 1/2" MIP X 1/2" FIP X 72"	25
SGC58ODC72M12M12	1/2" I.D. SS coated gas connector – 1/2" MIP X 1/2" MIP X 72"	25
SGC58ODC72M12M34	1/2" I.D. SS coated gas connector – 1/2" MIP X 3/4" MIP X 72"	25
SGC58ODC72M34F34	1/2" I.D. SS coated gas connector – 3/4" MIP X 3/4" FIP X 72"	25
SGC58ODC72M34M34	1/2" I.D. SS coated gas connector – 3/4" MIP X 3/4" MIP X 72"	25

FALCON GAS CONNECTING SOLUTIONS

(...continued) 5/8" O.D. (1/2" I.D.) Coated gas connector

Connector with straight ball valve		
Code	Description	Qty
SGC58ODS2C18	1/2" I.D. SS coated GC - 1/2" MIP X 1/2" FIP STR VLV X 18"	25
SGC58ODS2C24	1/2" I.D. SS coated GC - 1/2" MIP X 1/2" FIP STR VLV X 24"	25
SGC58ODS2C30	1/2" I.D. SS coated GC - 1/2" MIP X 1/2" FIP STR VLV X 30"	25
SGC58ODS2C36	1/2" I.D. SS coated GC - 1/2" MIP X 1/2" FIP STR VLV X 36"	25
SGC58ODS2C48	1/2" I.D. SS coated GC - 1/2" MIP X 1/2" FIP STR VLV X 48"	25
SGC58ODS2C60	1/2" I.D. SS coated GC - 1/2" MIP X 1/2" FIP STR VLV X 60"	25
SGC58ODS2C72	1/2" I.D. SS coated GC - 1/2" MIP X 1/2" FIP STR VLV X 72"	25
SGC58ODS3C18	1/2" I.D. SS coated GC - 1/2" MIP X 3/4" FIP STR VLV X 18"	25
SGC58ODS3C24	1/2" I.D. SS coated GC - 1/2" MIP X 3/4" FIP STR VLV X 24"	25
SGC58ODS3C36	1/2" I.D. SS coated GC - 1/2" MIP X 3/4" FIP STR VLV X 36"	25
SGC58ODS3C48	1/2" I.D. SS coated GC - 1/2" MIP X 3/4" FIP STR VLV X 48"	25
Fittings		
PS6	5/8" O.D. (15/16"-16) flare X 1/2" FIP	200
PS15	5/8" O.D. (15/16"-16) flare X 1/2" MIP	200
PS7	5/8" O.D. (15/16"-16) flare X 3/4" FIP	200
PS16	5/8" O.D. (15/16"-16) flare X 3/4" MIP	200
Valves		
BS11516FL	5/8" O.D. (15/16"-16) flare X 1/2" FIP gas valve	10
BS11515FLFIP	5/8" O.D. (15/16"-16) flare X 3/4" FIP gas valve	5
BS112FIP	1/2" FIP X 1/2" FIP gas valve - STD port	10
BS134FIP	3/4" FIP X 3/4" FIP gas valve - STD port	5

1" O.D. (3/4" I.D.) Coated gas connector

Connector with fittings		
Code	Description	Qty
SGC10DC12M34F34	3/4" I.D. SS coated gas connector - 3/4" MIP X 3/4" FIP X 12"	25
SGC10DC12M34M34	3/4" I.D. SS coated gas connector - 3/4" MIP X 3/4" MIP X 12"	25
SGC10DC18M34F34	3/4" I.D. SS coated gas connector - 3/4" MIP X 3/4" FIP X 18"	25
SGC10DC18M34M34	3/4" I.D. SS coated gas connector - 3/4" MIP X 3/4" MIP X 18"	25
SGC10DC24M34F34	3/4" I.D. SS coated gas connector - 3/4" MIP X 3/4" FIP X 24"	25
SGC10DC24M34M34	3/4" I.D. SS coated gas connector - 3/4" MIP X 3/4" MIP X 24"	25
SGC10DC36M34F34	3/4" I.D. SS coated gas connector - 3/4" MIP X 3/4" FIP X 36"	25
SGC10DC36M34M34	3/4" I.D. SS coated gas connector - 3/4" MIP X 3/4" MIP X 36"	25
SGC10DC48M34F34	3/4" I.D. SS coated gas connector - 3/4" MIP X 3/4" FIP X 48"	25
SGC10DC48M34M34	3/4" I.D. SS coated gas connector - 3/4" MIP X 3/4" MIP X 48"	25
Fittings		
PS8	1" O.D. (1-1/8"-16) flare X 3/4" FIP	250
PS17	1" O.D. (1-1/8"-16) flare X 3/4" MIP	200

FALCON GAS CONNECTING SOLUTIONS

1-1/4" O.D. (1" I.D.) Coated gas connector

Connector with fittings			
Code	Description		Qty
SGC114ODC18M1F1	1" I.D. SS coated gas connector – 1" MIP X 1" FIP X 18" high BTU		25
SGC114ODC18M1M1	1" I.D. SS coated gas connector – 1" MIP X 1" MIP X 18" high BTU		25
SGC114ODC24M1F1	1" I.D. SS coated gas connector – 1" MIP X 1" FIP X 24" high BTU		25
SGC114ODC24M1M1	1" I.D. SS coated gas connector – 1" MIP X 1" MIP X 24" high BTU		25
SGC114ODC36M1F1	1" I.D. SS coated gas connector – 1" MIP X 1" FIP X 36" high BTU		25
SGC114ODC36M1M1	1" I.D. SS coated gas connector – 1" MIP X 1" MIP X 36" high BTU		25
Fittings			
PS18	1-1/4" O.D. (1-3/8"-16) flare X 1" MIP		100
PS19	1-1/4" O.D. (1-3/8"-16) flare X 1" FIP		100

BTU Rating chart

Natural Gas

For natural gas (per ANSI Z21.24/CSA 6.10 & ANSI Z21.75/CSA 6.27) straight length capacity – BTU per hr
0.64 SG., 1,000 BTU per cu. ft. at 0.5 inch water column (124 Pa) pressure drop

Series	Nominal OD	Nominal I.D.	12"	18"	24"	30"	36"	48"	60"	72"
3/8"	3/8"	1/4"	48,000	43,800	40,000	36,400	33,400	28,300	24,900	23,100
1/2"	1/2"	3/8"	102,000	93,100	85,000	77,100	71,100	60,500	33,200	49,100
5/8"	5/8"	1/2"	180,000	164,200	150,000	136,000	125,000	106,000	93,200	86,000
1"	1"	3/4"	349,000	318,500	290,500	270,000	255,900	215,000	197,400	173,900
1-1/4"	1-1/4"	1"	698,000	637,000	581,800	545,200	515,900	442,700	398,900	347,800

Propane Gas

For propane gas (per ANSI Z21.24/CSA 6.10 & ANSI Z21.75/CSA 6.27) straight length capacity – BTU per
hr 1.55 SG., 2,500 BTU per cu. ft. at 0.5 inch water column (124 Pa) pressure drop

Series	Nominal OD	Nominal I.D.	12"	18"	24"	30"	36"	48"	60"	72"
3/8"	3/8"	1/4"	76,800	70,080	64,000	58,240	53,440	45,280	39,840	36,960
1/2"	1/2"	3/8"	163,200	148,960	136,000	123,360	113,760	96,800	85,120	78,560
5/8"	5/8"	1/2"	288,000	262,720	240,000	217,600	200,000	169,600	149,120	137,600
1"	1"	3/4"	558,400	509,600	465,440	432,800	409,440	34,400	315,840	278,240
1-1/4"	1-1/4"	1"	1,116,800	1,019,200	930,880	872,320	825,440	708,320	638,240	556,480