

# SAFE·T·LINK Gas and Water Appliance Connectors



**NEW  
POSI-SET™  
Models!**



**RELIABILITY BUILT IN™**





RELIABILITY BUILT IN™

# SAFE-T-LINK More Reasons Than Ever To Connect With T&S

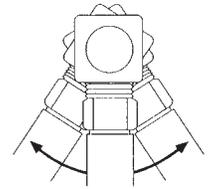
## SwiveLink Performance Advantages

- Provides a consistent, stress-free torque-free swivel motion
- Eliminates kinking, allowing entire connector length to be used
- Optimal wall clearance. Castered appliances come out further to facilitate clean up, installation and maintenance, and may be pushed closer to the wall without connector interference
- Allows restraining devices to be set to engage just before the connector is fully extended
- Minimum folded length
- No lock-up during use
- Allows for full gas flow
- Double sealed, and machined from steel and brass for strength
- Available factory-attached on Safe-T-Link gas connector hoses, or as separate accessories for appliance and/or gas line attachment
- In popular sizes: 1/2" to 1 1/4"

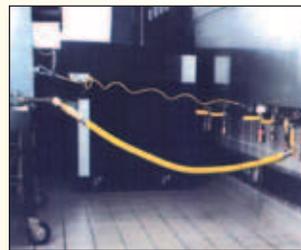


### A True Gas Connector Swivel

Our patented SwiveLink can't lock up and meets ANSI Z21.69 for B.T.U. capacity, where gasoline swivels are limiting



Usable length of hose with SwiveLink



Usable length of hose WITHOUT SwiveLink



## FreeSpin Performance Advantages

- 360° rotatable hex nut rotates completely and freely, even when tight. No more twisted hoses!
- Optimum torsional relief improves safety, increases connector life
- No more struggling with multiple fitting pieces and extra threads
- No more turning hoses to tighten fittings
- Provides efficient, full gas flow in every size
- Tapered fittings provide a tighter fit than traditional flared fittings
- Simple, easy to install
- Standard on both ends of every Safe-T-Link gas connector hose
- Available in sizes 1/2" through 1 1/4"

LIMITED  
**5**  
YEAR  
WARRANTY



## NEW! POSI-SET™ Wheel Placement System

- Wheel placement system for moveable cooking equipment
- Designed for the positive placement of moveable gas equipment
- Ensures proper relocation of equipment after moving, cleaning or repairs
- Made of flame retardant thermoplastic resin
- Virtually indestructible
- Includes mounting hardware for proper installation
- Designed to meet the requirements of NFPA 17A 5.6.4 2009 Edition
- Patent No. US 7,581,623



NEW  
POSI-SET™  
Models!

## Safe-T-Link SwiveLink

(optional, gas only)

Specify the new **SwiveLink** swivel, the ultimate connector accessory, and you gain increased mobility and critical space savings over fixed-end products. For the first time, let SwiveLink connect you to the ultimate convenience of utilizing 100% of the connector's overall length.



## Safe-T-Link FreeSpin

(standard, gas only)

With the new **FreeSpin** feature, you hook up with the most technically advanced end fitting available in the industry. These "live" ends – standard on both ends of the T&S Safe-T-Link gas connectors – provide a constant 360° rotation for reducing stress while extending connector life. Plus, the entire fitting design helps increase operational safety.



## Quick-Disconnect Advantages

- For use when you need a Quick-disconnect located at the **back of the appliance**
- Quick-disconnect socket acts as shut-off valve when the plug and socket are disconnected
- "Fusible link" quick-disconnect gas hoses automatically shut off gas supply to the appliance when temperatures exceed 350°F (177°C)
- High quality construction
- CSA approval
- Easy operation



## Reversed Quick-Disconnect Advantages

- For use when you need a Quick-disconnect located at the **wall**
- Quick-disconnect socket acts as shut-off valve when the plug and socket are disconnected
- "Fusible link" quick-disconnect gas hoses automatically shut off gas supply to the appliance when temperatures exceed 350°F (177°C)
- High quality construction
- CSA approval
- Easy operation



## Welded Fittings

A gas connector is only as good as its weakest link. Trust our welded fittings to remain gas-tight long after a competitor's crimped assembly begins to loosen.

## Extruded Coating

Strong does not have to mean less flexible. Our extruded coating stays out of the braid and keeps a constant wall thickness, providing strength and flexibility. Dipped coatings invade the stainless steel braid and stress the wires while reducing flexibility.

## Safest Stainless Braid

Stainless braids protect the thin inner hose from pressure and stress. Trust our tight braid pattern to prevent punctures or dents more than a gapped braid.



**SAFE·T·LINK**



**Hot and cold water appliance connectors are also available; see p. 8**

**Attention: California Residents**  
California's Proposition 65 requires that California consumers receive warnings about any products which contain chemicals known to the State of California to cause cancer or birth defects or other reproductive harm. The State of California requires the following notice: **WARNING:** This product contains chemicals known to the State of California to cause cancer, and birth defects or other reproductive harm.

**Gas Appliance Connectors**

- Welded fittings
- Extruded coating
- Stainless braid



**HG-2 Series with FreeSpin Fittings**

- FreeSpin rotating gas fittings on both ends, male to male
- Welded fitting connections
- Safe stainless braid
- Extruded coating
- 1/2 PSI max. gas pressure



**HG-4 Series with Quick-Disconnect End**

- Quick-disconnect one end, FreeSpin rotating gas fitting other end
- Welded fitting connections
- Safe stainless braid
- Extruded coating
- 1/2 PSI max. gas pressure
- "Fusible link" quick-disconnect gas hoses automatically shut off gas supply to the appliance when temperatures exceed 350°F (177°C)



**HG-6 Series Reversed Quick-Disconnect**

- Male to quick-disconnect plug (reversed quick-disconnect) one end, FreeSpin rotating gas fitting other end
- Welded fittings
- Extruded coating
- Stainless steel braid hose
- 1/2 PSI max. gas pressure
- "Fusible link" quick-disconnect gas hoses automatically shut off gas supply to the appliance when temperatures exceed 350°F (177°C)



**Gas Hose Fittings**

**FreeSpin Fittings**

- Standard on both gas hose ends
- Freely rotates 360° even when tight, ending twisted hoses
- Tapered fittings for tighter fit
- Hose does not have to turn to tighten fittings
- Available in sizes 1/2" through 1-1/4"
- 1/2 PSI max. gas pressure



**HG-2-S Series with SwiveLink Fittings**

- Add an "S" to include SwiveLink swivels at both ends
- Maximum clearance from wall
  - Minimum folded length
  - Stress-free and torque-free motion
  - No lock-up position
  - 1/2 PSI max. gas pressure



**HG-4-S Series with Quick-Disconnect and SwiveLink Ends**

- Add an "S" to include SwiveLink swivels at both ends
- Maximum clearance from wall
  - Minimum folded length
  - Stress-free and torque-free motion
  - No lock-up position
  - 1/2 PSI max. gas pressure
  - "Fusible link" quick-disconnect gas hoses automatically shut off gas supply to the appliance when temperatures exceed 350°F (177°C)



**HG-S Series Stationary Appliance Gas Connectors**

- Stainless steel stationary appliance gas connector
- Available in 3/4" thread
- 36" to 48" length
- 1/2 PSI max. gas pressure



**SwiveLink Fittings**

- Provides the most reach with the shortest hose
- Reduces stress on the hose, eliminating kinking
- Keeps gas flow unrestricted
- Patented design; can't lock up
- Meets ANSI Z21.69 for B.T.U. capacity
- Available in sizes 1/2" through 1-1/4"
- 1/2 PSI max. gas pressure



## Gas Appliance Connectors – Specifications



### Specifying An HG-2 and HG-4 Gas Appliance Connector

**HG -** \_\_\_\_\_ - \_\_\_\_\_

Hose Design	Order
Male to Male	<b>2</b>
Male to Quick-Disconnect	<b>4</b>

Internal Thread and Diameter	Order
1/2" N.P.T.	<b>C</b>
3/4" N.P.T.	<b>D</b>
1" N.P.T.	<b>E</b>
1 1/4" N.P.T.	<b>F</b>

Length	Order
24"	<b>24</b>
36"	<b>36</b>
48"	<b>48</b>
60"	<b>60</b>
72"	<b>72</b>

Suffixes	Order
<b>SwiveLink</b> Add SwiveLink fitting to both ends of the hose assembly	<b>S*</b>
<b>Installation Kit</b> Includes everything necessary for an installation	<b>K*</b>
<b>POSI-SET™ NEW!</b> Includes one pair POSI-SET (Wheel Placement System for Moveable Cooking Equip.)	<b>PS**</b>

**Example:**  
Gas hose and Installation Kit with Quick-Disconnect, 3/4" N.P.T. and 48" long with SwiveLink fittings:

**HG – 4D – 48SK**

\* You may add an "S" and/or "K" suffix to your order  
\*\* Models -2C, -2D, -4C, -4D and -4E only



**HG-2**



**HG-2S**



**HG-4**



**HG-4S**

### Specifying An HG-6 Gas Appliance Connector

**HG-6** \_\_\_\_\_ - \_\_\_\_\_

Thread and Diameter	Order
1/2" N.P.T.	<b>C</b>
3/4" N.P.T.	<b>D</b>
1" N.P.T.	<b>E</b>
1 1/4" N.P.T.	<b>F</b>

Hose Length	Order
24"	<b>24</b>
36"	<b>36</b>
48"	<b>48</b>
60"	<b>60</b>
72"	<b>72</b>

**Example:**  
Gas hose with Reverse Quick-Disconnect, 3/4" N.P.T., 48" long:

**HG – 6D – 48**



**HG-6**

### Specifying A Stationary Appliance Connector

**HG-S** \_\_\_\_\_ - \_\_\_\_\_

Thread and Diameter	Order
3/4"	<b>D</b>

Hose Length	Order
36"	<b>36</b>
48"	<b>48</b>

**Example:**  
Stationary gas hose, 3/4" diameter, 48" long:

**HG – SD – 48**



**HG-S**



## Gas Appliance Installation Kit

### Gas Hose with Installation Kit

Add a "K" suffix to hose model number (see p. F7) to include all necessary pieces to install a gas appliance.

Each kit includes:

- One 90° street elbow
- One CSA-certified foodservice gas ball valve
- One SureLink restraining cable, adjustable from 3' to 5' lengths (#010625-45)
- All necessary hardware



### K Model Installation Kit

Order with these model numbers when you only want the kit:

Kit with 1/2" Elbow	<b>AG-KC</b>
Kit with 3/4" Elbow	<b>AG-KD</b>
Kit with 1" Elbow	<b>AG-KE</b>
Kit with 1 1/4" Elbow	<b>AG-KF</b>
5' cable w/ hardware	<b>AG-RC</b>

## Gas Appliance Parts, Components and Accessories

### Quick-Disconnect

1/2"	<b>AG-5C</b>
3/4"	<b>AG-5D</b>
1"	<b>AG-5E</b>
1 1/4"	<b>AG-5F</b>



### Gas Ball Valve

1/2"	<b>AG-7C</b>
3/4"	<b>AG-7D</b>
1"	<b>AG-7E</b>
1 1/4"	<b>AG-7F</b>



### SwiveLink

1/2"	<b>AG-6C</b>
3/4"	<b>AG-6D</b>
1"	<b>AG-6E</b>
1 1/4"	<b>AG-6F</b>



### Elbows\*

- All Elbows are in compliance with ASTM standards

#### Female-Male Street El

1/2"	<b>AG-8C-MF</b>
3/4"	<b>AG-8D-MF</b>
1"	<b>AG-8E-MF</b>
1 1/4"	<b>AG-8F-MF</b>

#### Female-Female Elbow

(not shown)

1/2"	<b>AG-8C-FF</b>
3/4"	<b>AG-8D-FF</b>
1"	<b>AG-8E-FF</b>
1 1/4"	<b>AG-8F-FF</b>

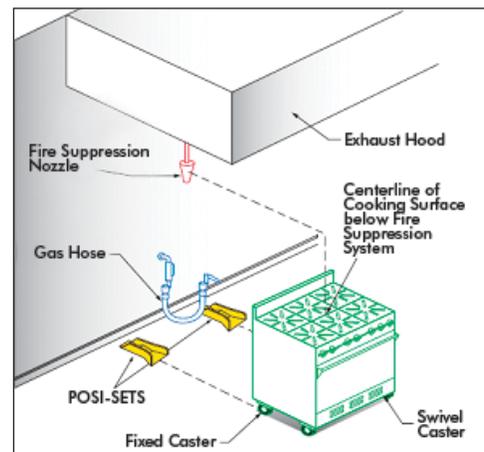


**Female-Male Street El**

\* Use of Street Els prohibited in Canada

### POSI-SET™ Wheel Placement System

- Wheel placement system for moveable cooking equipment
- Designed for the positive placement of moveable gas equipment
- Ensures proper relocation of equipment after moving, cleaning or repairs
- Made of flame retardant thermoplastic resin
- Virtually indestructible
- Includes mounting hardware for proper installation
- Designed to meet the requirements of NFPA 17A 5.6.4 2009 Edition
- Patent No. US 7,581,623



## Safe-T-Link Gas Appliance Hoses and POSI-SET™ Models

# SAFE-T-LINK

- POSI-SET™ is also available bundled together with our most popular Safe-T-Link Gas Hose models
- Refer to the list at right for available model numbers
- One pair of POSI-SET™ included with each gas hose model
- Add "-PS" to hose model



HG-2C-36-PS	HG-4C-48K-PS	HG-4D-48S-PS
HG-2C-48-PS	HG-4C-48SK-PS	HG-4D-48SEL-PS
HG-2C-60-PS	HG-4D-24-PS	HG-4D-48SK-PS
HG-2D-24-PS	HG-4D-36-PS	HG-4D-60-PS
HG-2D-36-PS	HG-4D-36K-PS	HG-4D-60S-PS
HG-2D-48-PS	HG-4D-36SK-PS	HG-4D-60SK-PS
HG-2D-60-PS	HG-4D-48-PS	HG-4E-48K-PS
HG-4C-48-PS	HG-4D-48K-PS	HG-4E-48SK-PS

### Gas Appliance Connectors Capacity

Minimum BTU per hour (in thousands)  
Ref: ANSI Z21.69 / CSA 6.16

HG-2	24"	36"	48"	60"	72"
C=1/2"	150	125	106	95	86
D=3/4"	291	250	215	200	174
E=1"	582	515	443	395	348
F=1 1/4"	1075	945	818	735	634

HG-2-S	24"	36"	48"	60"	72"
C=1/2"	129	111	97	90	84
D=3/4"	291	250	215	200	174
E=1"	582	515	443	395	348
F=1 1/4"	1042	926	809	735	634

HG-4	24"	36"	48"	60"	72"
C=1/2"	85	75	70	65	55
D=3/4"	235	220	180	160	140
E=1"	420	380	335	290	280
F=1 1/4"	700	620	540	475	420

HG-6	24"	36"	48"	60"	72"
C=1/2"	85	75	70	65	55
D=3/4"	235	220	180	160	140
E=1"	420	380	335	290	280
F=1 1/4"	700	620	540	475	420

### Stationary Appliance Connectors Capacity

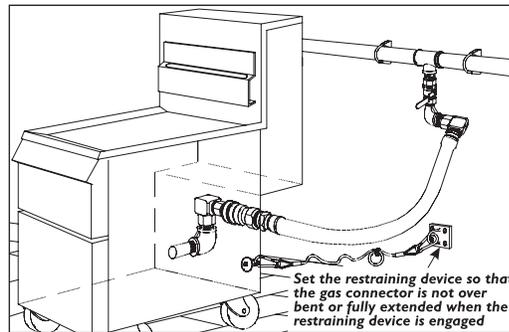
Minimum BTU per hour (in thousands)  
Ref: ANSI Z21.24 / CSA 6.10  
ANSI Z21.75 / CSA 6.27

HG-S	36"	48"
D=3/4"	128	106

## SwiveLink Installation Instructions

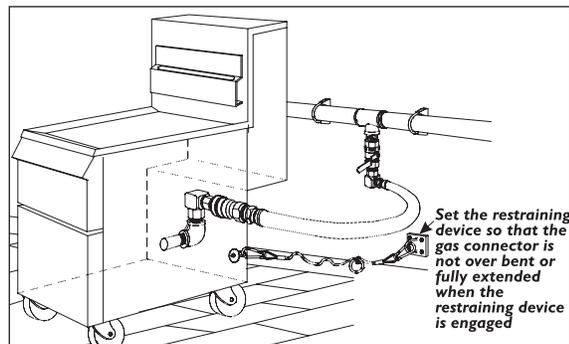
- Provides the most reach with the shortest hose
- Reduces stress on the hose, eliminating kinking
- Keeps gas flow unrestricted

### Combination Loop with SwiveLink

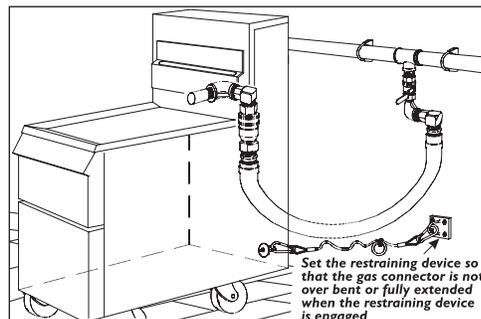


- Patented design; can't lock up
- Meets ANSI Z21.69 for B.T.U. capacity
- Available in sizes 1/2" through 1 1/4"
- 1/2 PSI max. gas pressure

### Horizontal Loop with SwiveLink



### Vertical Loop with SwiveLink



**Water Appliance Connectors**

- Hot and cold water appliance connectors
- Welded fittings
- Extruded coating
- Stainless braid
- Rated to 175°F maximum

**HW-2 Series Connector**

- Male to male end fittings
- Welded fitting connections
- Coated stainless steel hose
- Extruded coating



**HW-4 Series with Quick-Disconnect**

- Male to quick-disconnect fittings
- Welded fitting connections
- Coated stainless steel hose
- Extruded coating



**HW-6 Series Reversed Quick-Disconnect Cold Water Hoses**

- Male to quick-disconnect plug (reversed quick-disconnect)
- Welded fittings
- Extruded coating
- Stainless steel braid hose



**Water Appliance Parts and Components**

**Stainless Steel Quick-Disconnect**

- 3/8" **AW-5B**
- 1/2" **AW-5C**
- 3/4" **AW-5D**



**Water Appliance Connectors – Specifications**

**Specifying An HW-2 and HW-4 Water Appliance Connector**

Note: Not all combinations are available. Check the G-10 "Index By Model Number," page F12 for availability, or call T&S Customer Service.

**HW - - -**

Hose Design	Order	Thread and Diameter	Order	Length	Order
Male to Male	<b>2</b>	3/8"	<b>B</b>	24"	<b>24</b>
Male to Quick-Disconnect	<b>4</b>	1/2"	<b>C</b>	36"	<b>36</b>
		3/4"	<b>D</b>	48"	<b>48</b>
				60"	<b>60</b>
				72"	<b>72</b>
				72" with Vacuum Breaker	<b>72VB</b>



**HW-2**



**HW-4**

**Example:**

Water hose with Quick-Disconnect, 3/4" diameter and 48" long:

**HW - 4D - 48**

**Specifying An HW-6 Water Appliance Connector**

**HW - 6 - -**

**Example:**

Water hose with Reversed Quick-Disconnect, 1/2" N.P.T. and 36" long:

**HW - 6C - 36**

N.P.T. Thread, Male	Order	Hose Length	Order
3/8"	<b>B</b>	36"	<b>36</b>
1/2"	<b>C</b>	48"	<b>48</b>
3/4"	<b>D</b>	60"	<b>60</b>
		72"	<b>72</b>



**HW-6**



**RELIABILITY BUILT IN™**  
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