



SAFE·T·LINK GAS AND WATER
APPLIANCE CONNECTORS



SAFE-T-LINK TESTS BETTER OVERALL

FORCE REQUIRED TO KINK HOSE

Demonstrating a higher hose resistance to kinking during appliance movement.

BENEFITS:

- higher flow rates
- longer lasting hose
- safer kitchens



EXCEEDS COMPETITORS BY **64%**

APPLIANCE LIFE CYCLE TEST

Demonstrating higher number of appliance pull-aways until hose fails.

BENEFITS:

- lower cost of ownership
- safer kitchens
- longer hose life



SURPASSES COMPETITORS BY **2.5X**

FLOW RATE TEST

Demonstrating higher gas flow capacity with SwiveLink.

BENEFITS:

- higher flow rates through the swivel assembly
- reduced cooking times
- less wasted energy



OUT-PERFORMS COMPETITORS BY **50+%**

*Tests were conducted by a partner company. For each test, T&S Safe-T-Link gas hoses and our nearest competitor's hoses were identically tested 2-3 times, with averages calculated, compared and reported.

THE SAFE-T-LINK ADVANTAGE

A Smarter Design. A Better Hose. A safer, more durable hose starts with smarter construction. That's what makes T&S hoses fundamentally different from the rest. T&S is a leading manufacturer of gas appliance connectors. The Safe-T-Link hoses are manufactured using an innovative new forming process called Stress-Lite™. Stress-Lite™ is a new proprietary corrugation process that reduces the amount of residual stress on the inner tube resulting in greater flexibility and higher cycle life.



LIMITED
5 YEAR
WARRANTY

SAFE·T·LINK

FreeSpin Performance Advantage

Trust the Safe-T-Link performance advantage. Our 360° rotatable hex nut rotates completely and freely, even when tight. No more twisted hoses! The FreeSpin fittings come standard on both ends of every gas hose.

YELLOW COLOR

Yellow coating complies with the ASME A 13.1 color designation for flammable and oxidizing.



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

Attention: California Residents

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



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

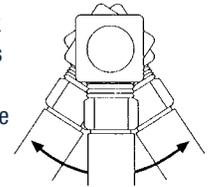
SwiveLink Performance Advantages

- 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"

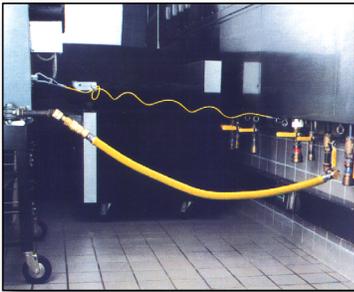


A True Gas Connector Swivel

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"



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



GAS APPLIANCE CONNECTORS

Safe-T-Link is all about providing a better solution — and thanks to an array of specially designed features and accessories, T&S makes it easy to enhance the safety and durability of your gas appliance connections.

Safe-T-Link SwiveLink Performance Advantages (standard, 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 Performance Advantages (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 Performance Advantages

- For use when you need a Quick-disconnect located at the back of the appliance
- "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 Performance Advantages

- For use when you need a Quick-disconnect located at the wall
- "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



NEW! SAFE-T-GUARD Quick Disconnect Shut-Off Valve Performance Advantages

- Gas hose safety shut-off valve prevents gas connector from being disconnected until the valve handle is in the off position
- Prevents valve from opening until the hose is reconnected to the Safe-T-Guard device
- Helps prevent workplace injuries and fire hazards
- Functions as both a quick-disconnect and a full port brass ball valve
- Automatically shuts off gas supply within a temperature range of 250°F-300°F (121°C-149°C)
- Easy one-handed operation



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
- ½ PSI max. gas pressure
- Includes (2) elbows



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
- ½ PSI max. gas pressure
- Includes (2) elbows



HG-4 Series with Quick-Disconnect Valve

- Quick-disconnect one end, FreeSpin rotating gas fitting other end
- Welded fitting connections
- Safe stainless braid
- Extruded coating
- ½ 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)
- Includes (1) elbow and (1) street elbow



HG-4-S Series with Quick-Disconnect Valve and 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
- ½ 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)
- Includes (2) elbows



HG-4G Series with Quick-Disconnect Valve

- Quick-disconnect valve one end, FreeSpin rotating gas fitting other end
- Welded fitting connections
- Safe stainless braid
- Extruded coating
- Safe-T-Guard shut-off valve
- ½ PSI max. gas pressure
- "Fusible link" quick-disconnect gas hoses automatically shut off gas supply to the appliance when temperatures exceed 300°F (149°C)
- Includes (1) elbow and (1) street elbow



HG-4GS Series with Quick-Disconnect Valve and 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
- Safe-T-Guard shut-off valve
- ½ PSI max. gas pressure
- "Fusible link" quick-disconnect gas hoses automatically shut off gas supply to the appliance when temperatures exceed 300° F (149°C)
- Includes (2) elbows



GAS APPLIANCE CONNECTORS – SPECIFICATIONS

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

HG- A B - C D - E

A **Hose Design**

Male to Male	2
Male to Quick Disconnect	4

Example: Gas hose and Installation Kit with Quick Disconnect Valve, 3/4" NPT and 48" long with SwiveLink fittings, includes POSI-SET: **HG-4D-48SK**

B **Internal Thread and Diameter**

1/2" NPT	C
3/4" NPT	D
1" NPT	E
1 1/4" NPT	F

C **Length**

24"	24
36"	36
48"	48
60"	60
72"	72

Suffixes

D **SwiveLink** Add SwiveLink fitting to both ends of the hose fittings **S**

Installation Kit Includes everything necessary for an installation **K**

E **POSI-SET™** Includes one pair POSI-SET (Wheel Placement System for Moveable Cooking Equipment) **PS**



HG-2



HG-2S



HG-4



HG-4S

Specifying An HG-4 Gas Appliance Connector with Safe-T-Guard Quick Disconnect Valve Combination Device

HG-4 A - B C - D - E

A **Internal Thread and Diameter**

1/2" NPT	C
3/4" NPT	D
1" NPT	E

Example: Gas hose and Installation Kit with Quick Disconnect Valve, 3/4" NPT and 48" long with SwiveLink fittings, includes POSI-SET:

HG-4D-48GS-K-PS

B **Length**

24"	24
36"	36
48"	48
60"	60
72"	72

C **Quick Disconnect Valve Options**

2-Piece quick disconnect valve combination device **G**

2-Piece quick disconnect valve combination device and SwiveLink fittings on both ends **GS**



Suffixes

D **Installation Kit** Includes everything necessary for an installation **K**

E **POSI-SET™** Includes one pair POSI-SET (Wheel Placement System for Moveable Cooking Equipment) **PS**



HG-4G



HG-4GS

GAS APPLIANCE INSTALLATION KIT

Gas Hose with Installation Kit

Add a "K" suffix to hose model number 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 using these model numbers to receive the installation kit only:

1/2" Kit
3/4" Kit
1" Kit

AG-KC
AG-KD
AG-KE

1 1/4" Kit
5' cable
w/ hardware

AG-KF
AG-RC

GAS APPLIANCE PARTS, COMPONENTS AND ACCESSORIES

Two-Piece Quick-Disconnect



1/2" **AG-5C**
3/4" **AG-5D**
1" **AG-5E**
1 1/4" **AG-5F**

SwiveLink



1/2" **AG-6C**
3/4" **AG-6D**
1" **AG-6E**
1 1/4" **AG-6F**

NEW! SAFETEGUARD 2-Piece Quick Disconnect Shut-Off Valve

1/2" **AG-9C**
3/4" **AG-9D**
1" **AG-9E**



- Additional hose models are available upon request

HG-4-G-SEL	HG-4-G	HG-4-G-K	HG-4-G-K-PS	HG-4-GS-K	HG-4-GS-K-P
HG-4D-48G-SEL	HG-4D-36G	HG-4D-36G-K	HG-4D-48G-K-PS	HG-4D-48GS-K	HG-4D-48GS-K-PS
		HG-4D-48G-K		HG-4E-48GS-K	
		HG-4E-48G-K			

Gas Ball Valve

1/2" **AG-7C**
3/4" **AG-7D**
1" **AG-7E**
1 1/4" **AG-7F**



Elbows*

Female-Male Street El*

1/2" **AG-8C-MF**
3/4" **AG-8D-MF**
1" **AG-8E-MF**
1 1/4" **AG-8F-MF**

Female-Female Elbow (not shown)

1/2" **AG-8C-FF**
3/4" **AG-8D-FF**
1" **AG-8E-FF**
1 1/4" **AG-8F-FF**



Female-Male Street El

* Use of Street Els prohibited in Canada

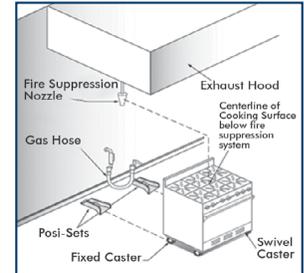
- All Elbows are in compliance with ASTM standards

Safe-T-Link GAS APPLIANCE HOSES AND POSI-SET™ MODELS

- 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
- 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

POSI-SET™ Models:

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



Gas Appliance Connectors Capacity

		12"	24"	36"	48"	60"	72"	
HG-2	C= 1/2"	166	150	125	106	95	86	
	D= 3/4"	320	291	250	215	200	174	
	E= 1"	639	582	515	443	395	348	
	F= 1 1/4"	1185	1075	945	818	735	634	
		12"	24"	36"	48"	60"	72"	
HG-2-S	C= 1/2"	140	129	111	97	90	84	
	D= 3/4"	320	291	250	215	200	174	
	E= 1"	639	582	515	443	395	348	
	F= 1 1/4"	1144	1042	926	809	735	634	
		12"	24"	36"	48"	60"	72"	
HG-4	C= 1/2"	92	85	75	70	65	55	
	D= 3/4"	259	235	220	180	160	140	
	E= 1"	455	420	380	335	290	280	
HG-4-S	F= 1 1/4"	770	700	620	540	475	420	
			12"	24"	36"	48"	60"	72"
	HG-4G	C= 1/2"	92	85	75	70	65	55
HG-4GS		D= 3/4"	259	235	220	180	160	140
		E= 1"	455	420	380	335	290	280
		12"	24"	36"	48"	60"	72"	
HG-6	C= 1/2"	92	85	75	70	65	55	
	D= 3/4"	259	235	220	180	160	140	
	E= 1"	455	420	380	335	290	280	
	F= 1 1/4"	770	700	620	540	475	420	

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



Stationary Appliance Connectors Capacity

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

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



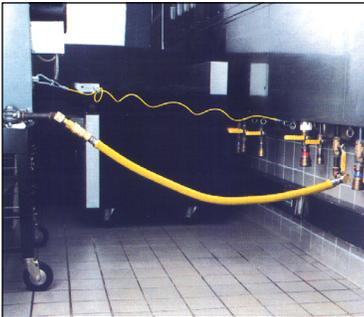
SwiveLink INSTALLATION INSTRUCTIONS

Specify the T&S 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.

- 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 ½" through 1¼"
- ½ PSI max. gas pressure

**Usable length of hose
WITH SwiveLink**

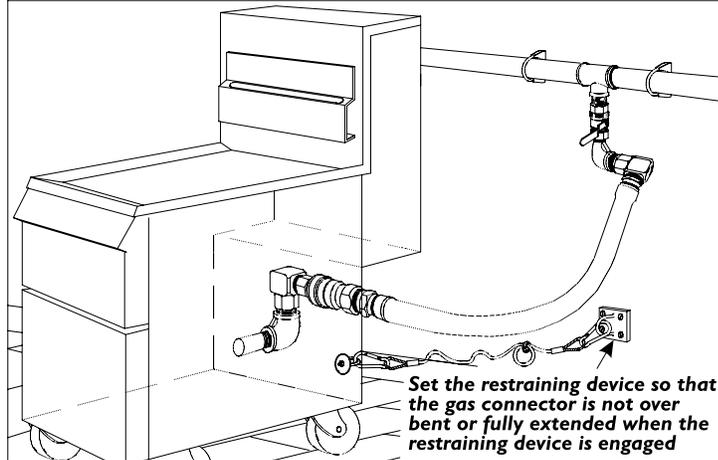


**Usable length of hose
WITHOUT SwiveLink**

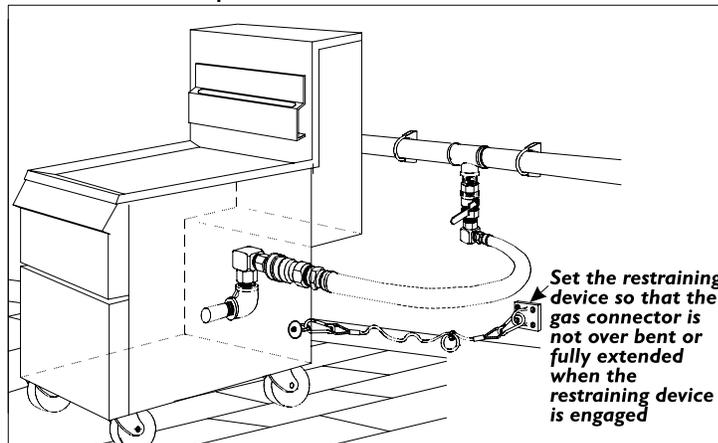


WARNING: Per the ANSI Z21.69 / CSA 6.16 Standard, Gas Connectors cannot be reused when an appliance is being replaced or moved to a new location.

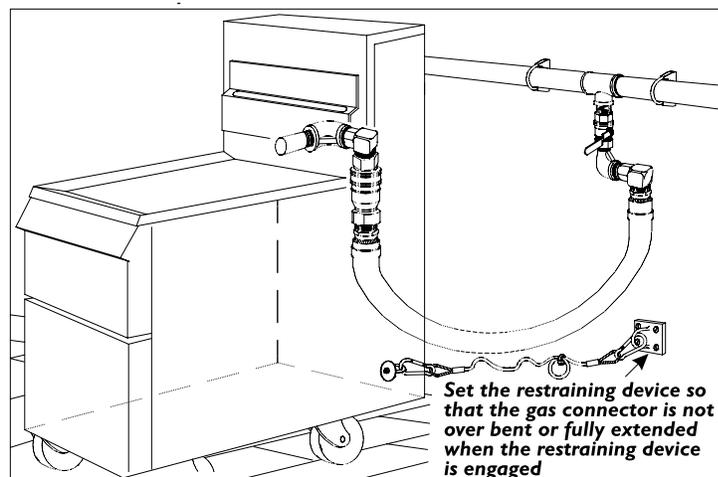
Combination Loop with SwiveLink



Horizontal Loop with SwiveLink



Vertical Loop with SwiveLink



WATER APPLIANCE CONNECTORS – SPECIFICATIONS

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

HW- A B - C

A

Hose Design

Male to Male	2
Male to Quick Disconnect	4

Example: Water hose with Quick Disconnect Valve, 3/4" diameter and 48" long: **HW-4D-48**

B

Internal Thread and Diameter

3/8"	B
1/2"	C
3/4"	D

Note: Not all combinations are available. Call T&S Customer Service for availability.

C

Length

24"	24
36"	36
48"	48*
60"	60
72"	72
72" w/ Vacuum Breaker	72VB*



HW-2



HW-4

*Available only on 4B and 4C.

Specifying An HW-6 Water Appliance Connector

HW-6 A - B

A

Internal Thread and Diameter

3/8"	B
1/2"	C
3/4"	D

B

Length

36"	36
48"	48
60"	60
72"	72

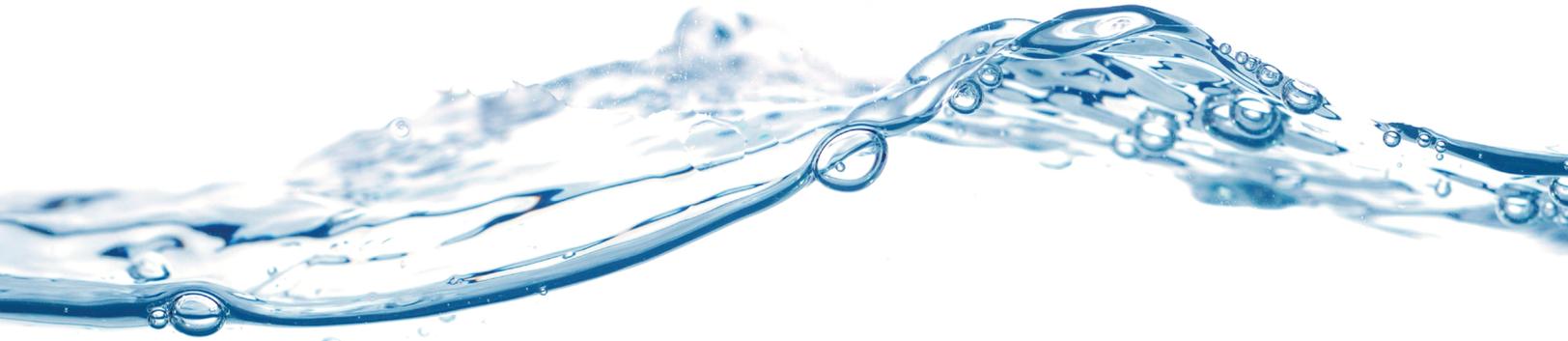


HW-2



HW-6

Example: Water hose with Reverse Disconnect Valve, 1/2" diameter and 36" long: **HW-6C-36**



A HISTORY OF EXCELLENCE

T&S Brass and Bronze Works has built a reputation for quality, service and innovation for more than 70 years – beginning with our original pre-rinse unit, the market's very first. Today, our products have become the standard for many U.S. hospitals, schools, restaurants, supermarkets and public facilities.

T&S products are highly acclaimed throughout the industry for being well-built, long-lasting and reliable. Rigorous testing and a focus on interchangeability have helped set T&S apart from the competition.

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800-011686-45 Rev. 3 7/21