

QUICK SEAL®



Leak Testing and Filling Connectors

Featured Products



TC Series Tube Connector

This self-sealing, automatic locking device works on a "push-on, pull-off" principle. It instantly connects and seals pressure & vacuum lines to straight-end tubing.

K Series Expanding Seal Test Plug

This test plug provides a dependable leak-free seal. It's widely and effectively used in pressure testing rough castings, eliminating the machining of defective material.

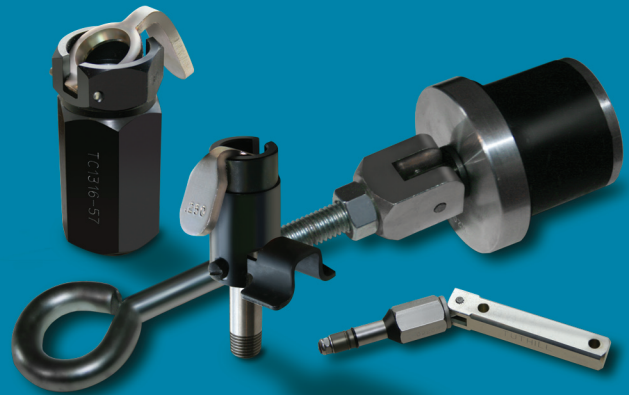


PR Series Tube Connector

This pressure tester features a self-locking device, which instantly connects seal pressure and vacuum lines to straight-end tubing creating a leak-free seal.

TH Series Filling Connector

This unique filling connector was designed especially for applications that include pressure testing copper tubing in refrigeration coils. The TH model is equipped with a 1/8" NPT inlet.



APPLICATIONS

Where Leak Testing and Filling are Utilized

- Air Conditioners
- Vending Equipment
- Ice Machines
- Gas Stoves
- Fireplaces
- Ranges
- Castings
- Engine Blocks
- Refrigerators
- Automotive Air Conditioners
- Water Heaters
- Pumps
- Mufflers
- Compressors
- Drinking Fountains
- Furnaces
- Valves
- Gas Tanks
- Oil Systems
- Soda Dispensers



Tuthill Coupling Group

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QUICK SEAL®

















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Leak Testing and Filling Connectors

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Tube Connector Model		Tube Size Range	Maximum Pressure	Vacuum	Sealing Method	Tube Type	Test Plug / Filling Connector Model		Bore Range	Maximum Pressure		Sealing Method
										Smooth Bore Opening	Threaded Bore Opening	
	PR Series: For pressure testing, vacuum dehydrating and other applications requiring a quick, leak-free connection.	1/4" thru 7/8"	650 PSI	10 Microns	OD	S		H Series: These expanding, seal filling connectors are widely used for adapting and connecting pressure lines to tanks, drums, castings, etc., during leak testing.	11/32" thru 4-1/4"	50 PSI	100 PSI	ID
	TC Series: This self-sealing, automatic locking device works on a "push-on, pull off" principle. Instantly connects and seals pressure and vacuum lines to straight end tubing.	1/8" thru 2-1/4"	650 PSI	**	E	S		K Series: These expanding seal, test plugs are widely used in pressure testing rough castings, eliminating machining of defective material.	11/32" thru 4-1/4"	50 PSI	100 PSI	ID
	RTC Series: This variation of the TC Series has been specially designed for use in applications where only a short length of pipe or tube is available for connection.	1/4" thru 5/8"	650 PSI	**	E	S		CV-XCV Series: Connecto-Valves are used for gas leak detection. Typical applications include gas testing for hot water heaters, stoves, valves and fittings.	.578" thru 1.156"	30 PSI	60 PSI	ID
	OTC Series: This model operates on the same principle as the TC Series, but has been designed for applications where the seal is required on the outside of the tube. For example, where the connection is being made to smooth tubes without square cut ends.	.060" thru 3/8"	650 PSI	**	OD	S		B Series: This self-sealing plug provides a quick-acting seal for pressure vessel openings. A slight twist allows for easy locking of the plug.	.421" thru 1.562"	500 PSI	500 PSI	E
	TH-TK Series: The TK Test Plug and TH Filling Connector were designed specifically for pressure testing copper tubing such as those used in refrigeration coils.	3/8"	625 PSI	75 Microns	ID	EX F S		E Series: This self-sealing, filling connector has an inlet opening that is pipe tapped for connecting pressure lines. It's easily locked with a slight rotation.	.687" thru 1.281"	500 PSI	500 PSI	E
	THV-TMV Series: These tube connectors provide quick and easy leak & burst testing of rifled/grooved refrigeration coils.	5/16" and 3/8"	625 PSI	75 Microns	ID	EX F S		Q Series: This product works like the B Series, but is designed for openings with greater depths.	.751" thru 1.000"	500 PSI	500 PSI	E
	SBP Series: These low cost connectors are designed for expanded tubes. The high reliability design features an easy push-on / pull-off one motion operation.	1/4" thru 7/8"	650 PSI	75 Microns	ID	EX		EQ Series: This product works like the E Series, but is designed for openings with greater depths.	.751" thru 1.000"	500 PSI	500 PSI	E
	L-LR Series: These tube connectors have the same positive self-sealing action as the TC Series, but also have a specially designed sliding key hole latch for retaining expanded end or barbed tubing.	1/4" thru 7/8"	650 PSI	**	E	BR EX						
	LB-LRB Series: These tube connectors have the same positive self-sealing action as the TC Series, but also have a specially designed sliding key hole latch for retaining beaded tubing.	1/4" thru 7/8"	650 PSI	**	E	BD						

Sealing Method: E = End Seal ID = Inside Diameter Seal OD = Outside Diameter Seal ** = Not recommended for vacuum applications
For special applications, consult factory. **METRIC SIZES ARE AVAILABLE.**

TUBE TYPE

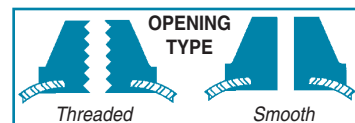
BD = Beaded

BR = Barbed

EX = Expanded

F = Flared

S = Straight



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