



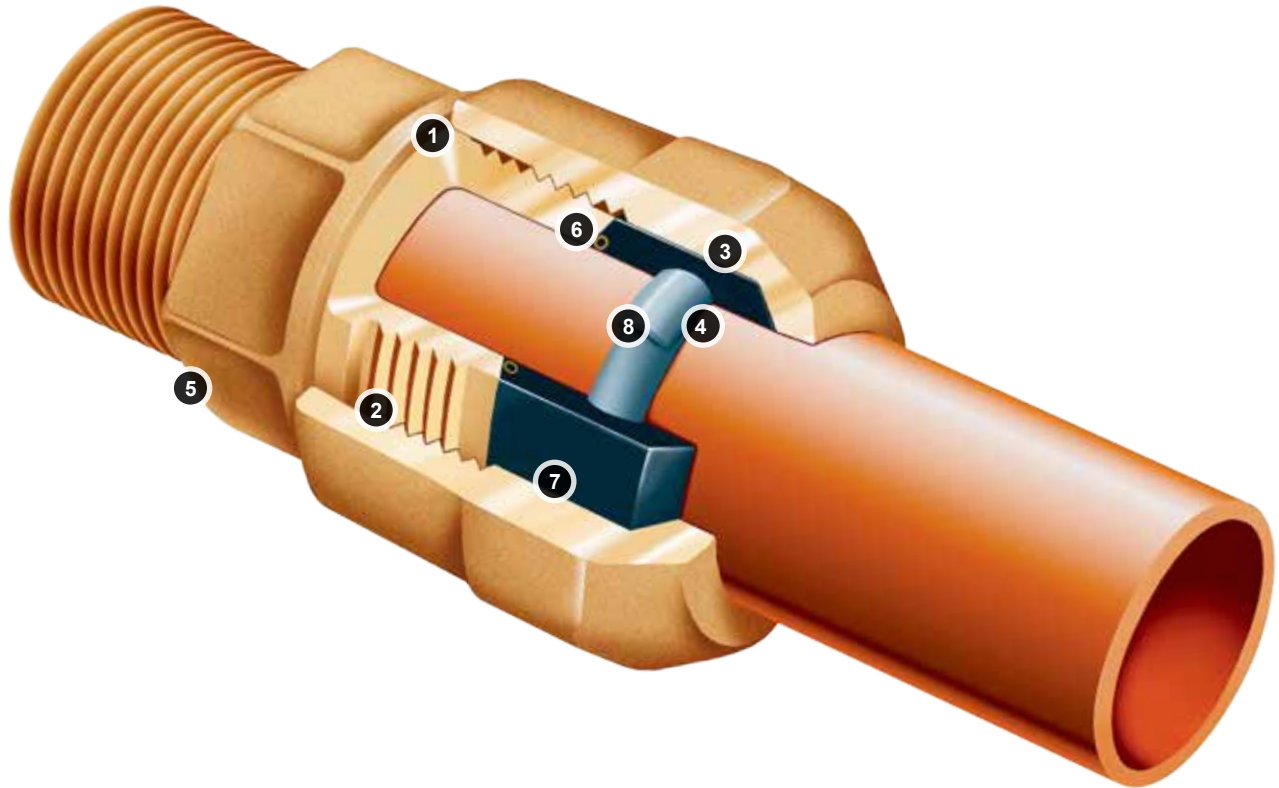
# Mueller 110<sup>®</sup> Compression Connections

Quick, secure connections for copper and plastic service lines.



# Mueller 110® Compression Connections

Connections designed to save time & money.



**1 Nut bottoms**

Nut bottoms out for visual indication of proper tightening.

**2 Fluorocarbon coating**

Fluorocarbon coating reduces tightening effort and prevents gasket distortion.

**3 Enclosed gasket**

Entire gasket is enclosed, which resists cold flow & creep.

**4 Pull-out resistance**

Uniform pressure is exerted on gripper by gasket for positive gripping and pullout resistance.

**5 Cast bronze body**

The cast bronze body is corrosion resistant.

**6 Conductor spring**

The conductor spring provides metal-to-metal contact for electrical conductivity between copper pipe & fitting.

**7 Gasket**

Gasket seals against fitting body, pipe, and nut.

**8 Gripper band**

A stainless steel gripper band overlaps itself so no gasket material can get underneath.



3-part unions,  
1/8" & 1/4" bend  
couplings, "U" & "Y"  
branches and tees



Corporation  
valve couplings



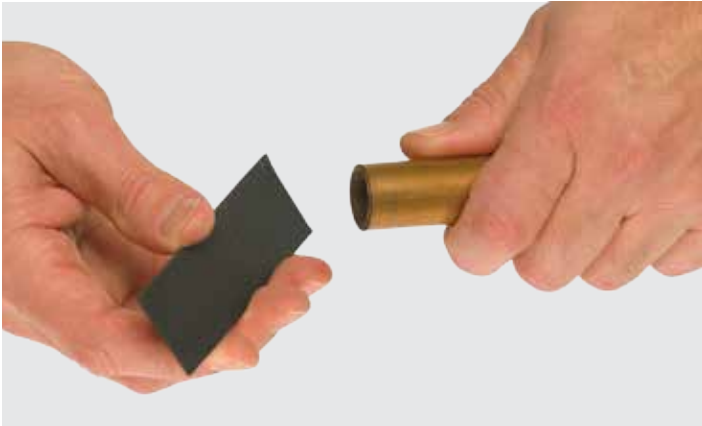
Straight couplings



Stainless steel liners/  
inserts to reinforce plastic  
pipe & tubing ends  
(sold separately)

## Mueller 110® Compression Connections provide a fast, sure way to make dependable, pressure-tight service line connections on copper and plastic pipe:

- Visual indication when properly tightened
- Saves time, labor, and eliminates mistakes
- No heating, flaring, cementing, threading, or special tools required
- No experience necessary



Clean the pipe



Insert the pipe and bottom out the nut

### SIMPLICITY

Using Mueller 110 Compression Connections couldn't be simpler:

- Clean the tubing or pipe end of burrs, grease, or grime (insert a liner if using on plastic)
- Insert tubing or pipe end through the connection nut fully into the body.
- Tighten the nut until it bottoms out (this is a visual indication the connection is properly tightened).

The connection nut interior is coated with a low-friction fluorocarbon to reduce tightening effort and help prevent distortion of the gasket as the nut is tightened. When properly tightened, the nut bottoms out, making metal-to-metal contact with a machined shoulder on the stop or coupling body.

### COLD FLOW & PULL-OUT RESISTANT

- Gasket is enclosed within the connection.
- Compressed gasket loads the gripper band with uniform pressure against the pipe circumference for extremely high pull-out resistance.

### POSITIVE SEAL

- Connection end consists of synthetic rubber gasket holding a stainless steel gripper band, assembled in cast bronze nut.
- As nut is tightened, gasket is compressed, creating a positive seal.
- When using copper tubing, brass conductor spring molded into gasket provides metal-to-metal contact for electrical conductivity.

### AVAILABILITY

Two styles are available:

- For type "K" soft copper tubing and CTS O.D. PE plastic tubing
- For IPS PE plastic pipe

Mueller 110 Compression Connections are available separately or as integral parts of Mueller valves, yokes, and fittings. Ask your Mueller Distributor or Mueller Sales Representative for more information.





## Our Products

Mueller has built its reputation on producing innovative water distribution products of superior quality – a reputation that is literally “on the line” every day throughout the world. Mueller products and those of its affiliates are used throughout the water system...from the source to the consumer. And we are committed to continuing research and development of new products and services to meet the growing needs of the water infrastructure industry. Mueller is the largest and only full-line supplier of potable water distribution products in North America and its markets continue to expand globally.

## Our People

The capacity to deliver the widest array of products and stand behind those products to ensure your satisfaction is our strength. The success of Mueller is dependent upon the success of those who are involved, both inside and outside our company. Therefore, we feel our future is wholly dependent on long-term relationships with our employees, customers and suppliers. This is why we strive to be proactive and responsive to their needs, always looking for a “better way”. It’s an approach that has set us apart since 1857 and will assure our mutual achievement and prosperity in the future.

*For more information about Mueller or to view Mueller’s full line of water products, please visit [www.muellercompany.com](http://www.muellercompany.com) or call Mueller Customer Service at 1.800.423.1323.*

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## Other Innovative Mueller Products

### B-101™ Drilling and Tapping Machine

The B-101 Machine is designed for hand or power operation. It will drill and tap a main under pressure or dry, insert or extract corporation valves up to 1" and pipe plugs to 2 1/2". It can be used on all pipe from 2" through 48", including plain and cement lined cast iron or ductile iron, PVC, asbestos-cement and steel. A special mechanism on the B-101 Machine permits the boring bar to be locked to the feed yoke. This prevents the drill from spiraling into the hole before the cut has been completed, and the tool cannot drop to the threaded portion and cause breakage.



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