

MUELLER

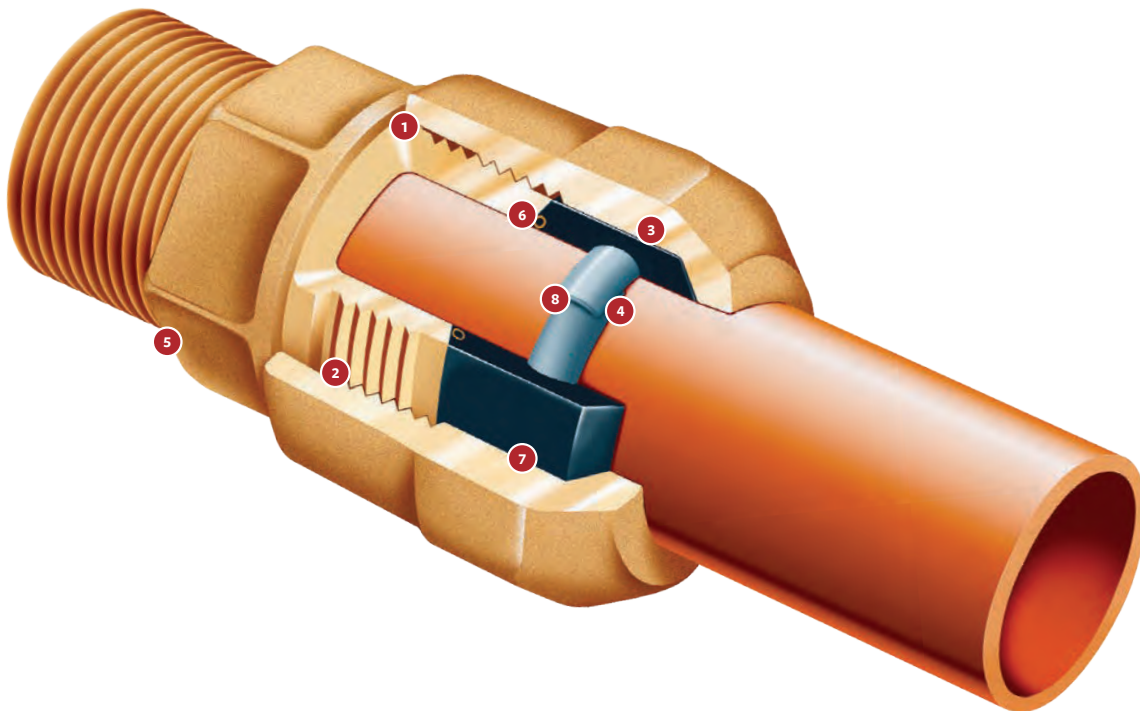
COMPRESSION CONNECTIONS

Quick, Secure Connections For Copper and Plastic Service Lines



MUELLER

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1 NUT BOTTOMS

Nut bottoms out for visual indication of proper tightening.

2 AMIDE WAX COATING

Amide Wax coating reduces tightening efforts.

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 BRASS BODY

The cast brass 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)

COMPRESSION CONNECTIONS

Connections Designed To Save Time & Money

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

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 threads are coated with a low friction wax to reduce tightening torque and help prevent distortion of the gasket as the nut is tightened.

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.



Insert the pipe and bottom out the nut

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 Channel Partner or Mueller Territory Manager for more information.

All service brass will comply with AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.

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. 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.

OTHER 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 ½". 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.

For more information about us, or to view our full line of products, please visit www.mueller-international.com or call International Customer Service at:

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