

# MUELLER 110<sup>®</sup> COMPRESSION CONNECTION INFORMATION AND KITS



# 8D.17

Shaded area indicates change Rev. 4-16

## Tubing, Pipe and Liners Used with Mueller 110 Compression Connection

Nominal size of connection	Material	Tubing or pipe wall O.D. range (in.)	Tubing or pipe wall thickness range (in.)	Tubing or pipe I.D. range (in.)	Liner Part Number
3/4" CTS	Type "K" copper	0.872 - 0.878	0.061 - 0.069	-	-
	Polyethylene PE	0.871 - 0.879	0.097 - 0.107	0.657 - 0.685	504281
1" CTS	Type "K" copper	1.127 - 1.129	0.061 - 0.069	-	-
	Polyethylene PE	1.120 - 1.130	0.125 - 0.137	0.846 - 0.880	504835
1-1/2" CTS	Type "K" copper	1.620 - 1.630	0.067 - 0.077	-	-
	Polyethylene PE	1.619 - 1.631	0.181 - 0.199	1.227 - 1.275	506139
2" CTS	Type "K" copper	2.120 - 2.130	0.076 - 0.090	-	-
	Polyethylene PE	2.119 - 2.131	0.236 - 0.260	1.605 - 1.665	506141
3/4" IPS	Polyethylene PE	1.045 - 1.110	0.113 - 0.134	0.780 - 0.828	505141
1" IPS	Polyethylene PE	1.329 - 1.399	0.150 - 0.170	1.029 - 1.059	505142

Type "K" copper tubing per ASTM B888.  
 CTS polyethylene (PE) per ASTM D-2737 SDR-9  
 IPS polyethylene (PE) per ASTM D-2239 PE SDR-7  
 Polyvinylchloride (PVC) per ASTM D1785



## Mueller 110 Compression Connection Replacement Parts

Size	Gasket part number †	Connection nut
3/4" CTS	581949	507831
1" CTS	581951	507835
3/4" IPS	89599	508826
1" IPS	89788	508827
1-1/2" CTS	581955	507847
2" CTS	581957	507851

† Gasket and gripper band assembly.



Gasket Assembly



Nut

## Adapter Nut for pre-1976 style Mueller 110 Compression Connection for CTS tubing

Kit includes one standard Gasket (same used with current style 110 connections) and a special Nut that adapts to the older style connection threads on the fittings. It is installed in the same way as the current style connection (Gasket conductor spring should be toward fitting body).

Size	Connection kit
3/4" CTS	682552
1" CTS	682551



8D-VALVES/CHECKS