

Rev. 1-15 Shaded area indicates change

Tubing, pipe, and liners used with Mueller 110 compression

Nominal size of connection	Material	Tubing or pipe 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	504385
3/4" IPS	Polyethylene PE	1.045 - 1.110	0.118 - 0.138	0.809 - 0.834	505141
	3/4" Sch, 40 PVC	1.046 - 1.054	0.113 - 0.134	0.788 - 0.828	509759
	3/4" Sch, 80 PVC	1.329 - 1.399	1.150 - 0.170	0.698 - 0.746	509760

Type "K" copper tubing per ASTM B88
 CTS polyethylene (PE) per ASTM D-2737 SDR-9
 IPS polyethylene (PE) per ASTM D-2239 PE SDR-7
 Polyvinylchloride (PVC) per ASTM D1785



Liner

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



Gasket Assembly



Nut

† Gasket and gripper band assembly

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



Pack Joint connection kits (includes nut, gasket, and washer) †

Nominal size of connection	Tubing or pipe O.D. range (in.)	Tubing or pipe wall thickness range (in.)	Tubing or pipe I.D. range (in.)	Part number
3/4" CTS or CTS PE	0.871 - 0.879	0.097 - 0.107	0.657 - 0.685	681921
1" CTS or CTS PE	1.120 - 1.130	0.125 - 0.137	0.846 - 0.880	681922



Pack Joint Kit

† 3/4" & 1" size kits (CTS only) will interchange with valves or fittings using Mueller 110 Compression Connections (CTS).

Tubing, pipe and liners for Mueller Pack Joint connection (not required for Type "K" copper pipe)

Nominal size of connection	Tubing or pipe O.D. range (in.)	Tubing or pipe wall thickness range (in.)	Tubing or pipe I.D. range (in.)	Length of liner (in.)	Part number
3/4" CTS or CTS PE	0.871 - 0.879	0.097 - 0.107	0.657 - 0.685	1.625	J-2805
1" CTS or CTS PE	1.120 - 1.130	0.125 - 0.137	0.846 - 0.880	2.125	J-2805



Liner

MUELLER Valves and Couplings are manufactured and tested in accordance with ANSI/AWWA C800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.