

Rev. 9-09 Shaded area indicates change

Tubing, pipe and liners used with MUELLER 110 Compression Connection

| Nominal size of connection | Material* | Tubing or pipe O.D. range - inches | Tubing or pipe O.D. range - inches | Tubing or pipe I.D. range - inches | Liner part number |
|----------------------------|------------------|------------------------------------|------------------------------------|------------------------------------|-------------------|
| 1/2" CTS | Type "K" copper | 0.622 - 0.628 | 0.045 - 0.053 | - | - |
| 3/4" CTS | Type "K" copper | 0.872 - 0.878 | 0.061 - 0.069 | - | - |
| | Polyethylene | 0.871 - 0.879 | 0.097 - 0.107 | 0.657 - 0.685 | 504281 |
| 1" CTS | Type "K" copper | 1.121 - 1.129 | 0.061 - 0.069 | - | - |
| | Polyethylene | 1.120 - 1.130 | 0.125 - 0.137 | 0.846 - 0.880 | 504385 |
| 1-1/4" CTS | Type "K" copper | 1.371 - 1.379 | 0.060 - 0.070 | - | - |
| | Polyethylene | 1.370 - 1.380 | 0.153 - 0.168 | 1.034 - 1.074 | 505142 |
| 1-1/2" CTS | Type "K" copper | 1.621 - 1.630 | 0.067 - 0.077 | - | - |
| | Polyethylene | 1.619 - 1.631 | 0.181 - 0.199 | 1.221 - 1.269 | 506139 |
| 2" CTS | Type "K" copper | 2.120 - 2.130 | 0.076 - 0.090 | - | - |
| | Polyethylene | 2.119 - 2.131 | 0.236 - 0.260 | 1.599 - 1.659 | 506141 |
| 3/4" IPS | Polyethylene | 1.045 - 1.110 | 0.118 - 0.138 | 0.809 - 0.834 | 505141 |
| | 3/4" Sch. 40 PVC | 1.046 - 1.054 | 0.113 - 0.133 | 0.780 - 0.828 | 509759 |
| | 3/4" Sch. 80 PVC | 1.046 - 1.054 | 0.154 - 0.174 | 0.698 - 0.746 | 509760 |
| 1" IPS | Polyethylene | 1.329 - 1.399 | 0.150 - 0.170 | 1.029 - 1.059 | 505142 |
| | 1" Sch. 40 PVC | 1.310-1.320 | 0.133-0.153 | - | - |
| | 1" Sch. 80 PVC | 1.310-1.320 | 0.179-0.200 | - | - |

*Type "K" soft copper tubing per ASTM B88; CTS polyethylene (PE) per ASTM D-2737 - SDR-9;
IPS polyethylene (PE) per ASTM D-2239 - PE SIDR-7; IPS polyvinylchloride (PVC) per ASTM D1785



Liner

MUELLER 110 Compression Connection replacement parts

| Size | Kit | Gasket part number† | Connection nut |
|-------------|--------|---------------------|----------------|
| 1/2" CTS | | 681516 | 147542 |
| 3/4" CTS | 682600 | 581949 | 507831 |
| 1" CTS | 682601 | 581951 | 507835 |
| 1-1/2" CTS | | 581955 | 507847 |
| 2" CTS | | 581957 | 507851 |
| 3/4" IPS PE | | 89599 | 508826 |
| 1" IPS PE | | 89788 | 508827 |

†Gasket and gripper band assembly



Gasket



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 |

