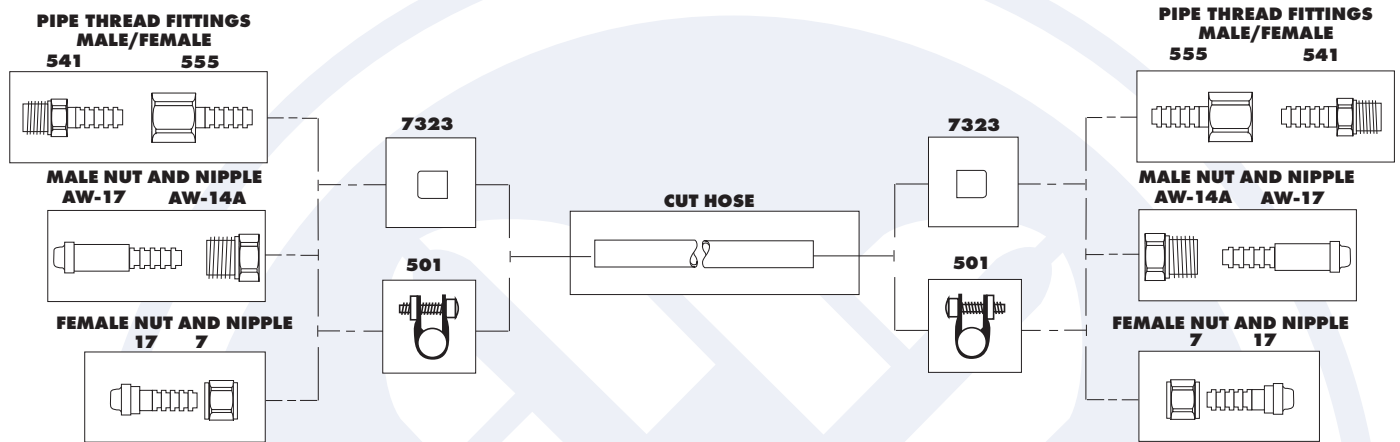


FITTED HOSE ASSEMBLIES

Barbed hose fittings should be fabricated using clamps or crimped ferrules, (see drawing below). Western barbed hose fittings are rated to 200 PSIG maximum working pressure; however, this rating is applicable only to fitted hose assemblies

fabricated as described and shown in the drawing below. Hose repair kits include the tools needed to fabricate and assemble the fittings on the hose.



COMMON CONVERSIONS USED IN THE COMPRESSED GAS INDUSTRY

PRESSURE

$$\begin{aligned} \text{PSIG} &= 14.5 \times \text{BAR} \\ \text{Pa} &= 6,894.757 \times \text{PSIG} \\ \text{kPa} &= 6.894757 \times \text{PSIG} \\ \text{PSIG} &= \frac{\text{Pa}}{6894.757} \\ \text{PSIG} &= \frac{\text{kPa}}{6.894757} \end{aligned}$$

UNITS

- PSIG:** Pounds Per Square Inch Gauge
- Pa:** Pascal
- kPa:** 1000 Pascal
- SCFH:** Standard Cubic Feet per Hour
- SCFM:** Standard Cubic Feet per Minute
- LPM:** Liters per Minute

FLOW

$$\begin{aligned} \text{SCFH} &= 2.118 \times \text{LPM} \\ \text{SCFH} &= 60 \times \text{SCFM} \\ \text{LPM} &= \frac{\text{SCFH}}{2.118} \end{aligned}$$