

## QUAL-OIL PIPE

- **Qual-Oil Pipe** is made from PEX material, which makes it so flexible and easy to install.
- No Need to oversize your oil line as **Qual-Oil** is available in 10mm, 15mm, 22mm & 28mm
- **Qual-Oil Pipe** has many advantages over the traditionally used copper pipe, such as:
  - **Qual-Oil Pipe** is impervious to concrete
  - 50m & 100m coils mean no buried joints
- **Qual-Oil** is approved by OFTEC (OFCERT Licence No. 2064099901)
- Aesthetically pleasing conifer green colour compatible with outdoor environment.
- **Qual-Oil Pipe** can be stored in the open as it is UV stabilised
- **Qual-Oil Pipe** resistant to freeze bursting - the pipe is tested and rated down to -20°C.
- **Qual-Oil Pipe** has a 25 year manufacturer's guarantee subject to maximum service conditions of:
  - **10 Bar at 20°C**
  - **5 Bar at 50°C**
- **Qual-Oil Pipe** is very competitively priced.

## Qual-Oil Thermo Plastic Pipe

<b>QPL CODE 089/041</b>	10mm x 50m
<b>QPL CODE 089/040</b>	10mm x 100m
<b>QPL CODE 089/011</b>	15mm x 50m
<b>QPL CODE 089/010</b>	15mm x 100m
<b>QPL CODE 089/013</b>	15mm x 150m
<b>QPL CODE 089/012</b>	15mm x 200m
<b>QPL CODE 089/021</b>	22mm x 50m
<b>QPL CODE 089/020</b>	22mm x 100m
<b>QPL CODE 089/031</b>	28mm x 50m
<b>QPL CODE 089/030</b>	28mm x 100m

## Qual-Oil Copper Inserts

<b>QPL CODE 061/205</b>	10mm copper insert
<b>QPL CODE 061/210</b>	15mm copper insert
<b>QPL CODE 061/220</b>	22mm copper insert
<b>QPL CODE 061/230</b>	28mm copper insert

## INSTALLATION GUIDELINES

Use only with BS 864 Compression Fittings with Qual-PEX metric size copper inserts. Better still avoid underground joints altogether by using a longer continuous length of Qual-Oil.

**Qual-Oil** pipe should not be used within the building. When installing oil pipework inside, it is necessary to connect the external Qual-Oil pipe with copper pipe at the point of entry of the building. This can be done at the position of the fire valve, which should always be on the outside of the building.

**Qual-Oil** should not be used on the boiler side of the fire valve

**Qual-Oil** should not be used within 0.5 metres of the oil burner / boiler. A minimum of 0.5m of flexible steel oil hose complete with fire valve (supplied as standard parts with oil burners) must be used between Qual-Oil pipe and the oil burner / boiler.

**Qual-Oil** pipe is for below-ground use only. BS5410 was amended in March 2001 to include thermoplastic oil lines, which are approved by OFTEC, for below ground applications. For above ground applications metallic pipe must be used.

Do not expose to radiant heat above 50°C. Allow for approx 1% expansion on the length of Qual-Oil in service.

Equipment required for pressure testing oil supply pipework are:

1. **Foot pump**
2. **Pressure gauge**
3. **Schrader valve for pipework connection.**

Method of testing: To carry out a pressure test on a length of pipework firstly isolate the line and disconnect from the tank and firevalve. Insert a fitting (Schrader) to enable connection to the test equipment. Blank open end of pipe.

Pressurise the pipework to 1 bar for 15 minutes. If after 15 minutes pressure holds, release and repressurise for a further 30 minutes.

After pipe has been laid, take up the slack before filling trench.

Follow Buried Work Installation Code of Practice for Oil Firing. (BS5410: Part 1: 1997 Section 8.2.4): "Where fuel feed pipework is buried, precautions should be taken to locate the pipe run where the chance of damage from digging or other such activities is minimal. Where this cannot be done, the pipework should be protected".

**Such protection can be achieved by installing the pipe in a polythene ducting pipe -**