



STOURFLEX®

J & P Supplies Ltd

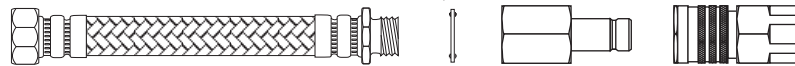
Expansion Joints & Pipeline Equipment

Installation, Operation and Maintenance Instructions for Quick Release Couplings.

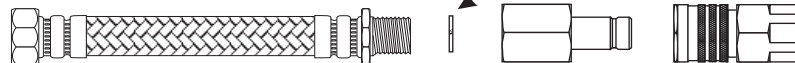
- Storage.** Quick release couplings should be stored in a clean dry area and be protected from damage caused by other items of plant and equipment.
- Inspection.** Quick release couplings should be inspected for any damage prior to installation.
- Selection.** Check that the correct quick release coupling has been selected for the operating conditions that exist. Temperature, pressure and flow rates should all be confirmed as the wrong selection may result in failure of the system. Check that the correct fan coil hose has been selected with end connections to suit the quick release coupling. Ensure that if any water treatment flushing agents or chemicals etc. are to be used in the heating or cooling system that they are compatible with the quick release coupling and associated fan coil hose assembly being installed. Advice from the manufactures of any chemicals should be sought if any doubts exist on the suitability of the quick release couplings.
- Installation.** Stourflex quick release couplings are supplied with female B.S.P. parallel ends. We recommend the use of a dowty washer when forming a seal with fan coil hose assemblies supplied with the appropriate male B.S.P. parallel ends. When forming a seal with other male B.S.P. threaded ends this should be carried out in accordance with best pipework practice. When connecting the unit ensure that the probe is fully engaged into the coupling body.

Suggested Methods of Installation.

Dowty washer for use with
B.S.P. parallel male thread .



Fibre washer for use with
B.S.P. parallel male thread.



Sealing tape for use with B.S.P. taper thread.
Care should be taken not to overtighten.



- Pressure Test.** If a hydraulic pressure test is to be carried out on a system containing quick release couplings, ensure that the test pressure (usually 1.5 x working) does not exceed the test pressure of the quick release coupling or associated fan coil hose assembly being installed.
- Maintenance.** When properly installed and used at their correct operating temperature and pressure, quick release couplings will give many years of trouble free service. However, quick release couplings should be inspected periodically for signs of deterioration. Quick release couplings are an important part of any heating or chilled water system and consideration should be given to keeping a quantity of spares that would prevent a long term shutdown of the system.