



Datasheet

RS Pro 400mm Long EPDM 10bar Braided Stainless Steel Hose

RS Stock No.711-8460



The Qualflex filling loop provides a safe and practical connection between the incoming water supply and Combination Boiler systems. The Qualflex filling loop has been designed to incorporate the following key features,

- Water Regulation Advisory Scheme (WRAS) approved
- Double Check valve for security against back syphonage into domestic drinking water supplies.
- Robust shut off valve to control the flow of water into the boiler and isolate the unit from the incoming water supply

Pressure and Temperature Rating

Maximum Working Pressure: 10bar
Maximum Working Temperature: 20°C

General Construction Data

The Qualflex filling loop comprises of three main components,

1. Double check and Isolation Valve manufactured in food quality DZR brass and incorporating,
Connection: 15mm Compression x 15mm Compression
On/Off Valve: Integral Valve and Black Zamac Handle.
Bleed Vent: Screw Cap
Check Valve: 2 x single check valve cartridges integral to main body.
Identification: Direction of flow arrow and QWRAS stamped on body
2. Isolation valve manufactured with brass body and incorporating,
Connection: 15mm Compression x 15mm Compression
On/Off Valve: Integral Valve and Black Zamac Handle
Identification: Direction of flow stamped on body
3. Flexible Hose Connection, incorporating
Connection: 15mm x 15mm self seal connectors.
Flexible Hose: EPDM lined hose with Stainless Steel BS 304 braiding.



Function

Modern unvented Combination boilers will require occasional re-charging as directed by the Boiler manufacturers operating instructions. The fluid contained in the radiator heating circuit is often contaminated with dissolved metals, flux and chemical inhibitors therefore you must use the Qualflex Filling loop to protect the incoming water supply from contamination.

Installation

The Qualflex Filling Loop should be installed by a Competent Plumber or Engineer following these basic guide lines,

- Connect the Double check and isolating valve to the cold water incoming feed, ensure to maintain the isolation valve in closed position.
- Connect the smaller isolating valve to the boiler radiator circuit; again ensure the isolation valve remains in closed position.
- When the Boiler circuit requires re-charging screw the two end connections between double check valve and isolating valve on the radiator circuit, fill as recommended in accordance with boiler manufacturers instructions.
- On completion close all isolation valves and remove flexible hose for safe storage until required next time, do not leave the flexible hose permanently connected.

Approvals

Water Research Advisory scheme (UK) :

Certificate Number **0809053**

Body stamped QWRAS to signify WRAS approved

Chemical Resistance

All materials stated are fully tested for compliance in the safe conveyance of potable water supplies. If the application requires additives to water supply please refer to the chemical resistance charts and each material in contact with chemical under the same conditions of the final application. Ratings of chemical behavior listed on the website apply at a 48-hr exposure period.