

QUATTRO FLEXIBLE PRE-INSULATED PIPE SYSTEM SPECIFICATION

The buried distribution pipework will be a pre-insulated system supplied and installed by Durotan Ltd,
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The system will be capable of operating temperatures to 95°C.
The maximum operating pressures are 6 & 10 Bar. (one pair at each)

The flexible pre-insulated pipe system comprises the following:-

Carrier pipes (4 No)

*Material of 1st pair of pipes: Cross-linked polyethylene (PE-Xa) SDR11
Oxygen diffusion barrier: EVOH*

Material of 2nd pair of pipes: Cross-linked polyethylene (PE-Xa) SDR7.4

Thermal Insulation

Material: Cross-linked polyethylene (PE-X) foam

Casing

Material: High Density Polyethylene (HDPE) - ribbed

The carrier pipes will be joined using brass alloy compression fittings with EPDM O-ring. End Connectors will terminate with a male BSP thread.

Fittings at joint positions will be insulated and protected by waterproof site insulation kits.

Watertight access chambers can be used to house isolating valves.

Applications:-

- Low Temperature Hot Water Heating (LTHW)
- Primary Hot Water Service
- Hot Water Service (HWS)
- Industrial and commercial fluids