

## **AQUA 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 pressure is 10 Bar.

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

### Carrier pipe

*Material: 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 pipe will be joined using brass alloy compression fittings complete 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 and connections between single and twin pipes.

The Durotan Aqua pipe system is available with the following features:-

- Single and twin pipe options
- Trace heating cable option

### Applications:-

- Hot Water Service (HWS)
- Potable Cold Water Service (MCW) (CWS)
- Industrial and commercial fluids and chemicals