

DUROTAN PEX HEATING 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 at temperatures to 95°C.
The maximum operating pressure 6 Bar.

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

Carrier pipe

*Material: Cross-linked polyethylene (PE-Xa) SDR11
Oxygen diffusion barrier: EVOH*

Thermal Insulation

Material: Polyurethane foam (PUR), CFC Free cyclopentane blown

Casing

Material: Linear low density polyethylene (LLD-PE)

The carrier pipe will be joined using brass compression / press fittings. 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 pre-insulated pipes are manufactured in accordance with BS EN 15632-1/-2.

The Ecopex heating pipe system is available with the following features:-

- Single and twin pipe options (Uno & Duo)
- PLUS insulation thickness
- 10 Bar option

Applications:-

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