

**DUROTAN COOL 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 from -20°C to 40°C.
The maximum operating pressure 16 Bar.

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

Carrier pipe

Material: High density polyethylene (PE100) SDR11

Thermal Insulation

Material: Polyurethane foam (PUR), CFC Free CO2 blown

Casing

Material: Linear low density polyethylene (LLD-PE)

The carrier pipe will be joined using brass compression (PN16) fittings (PN16).
End Connectors will terminate with a male BSP thread or stub flange.

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

Applications:-

- Potable Cold Water Service (MCW) (CWS)
- Boosted Cold Water Service (BCWS)
- Chilled Water (CHW)
- Sewage
- Industrial and commercial fluids