

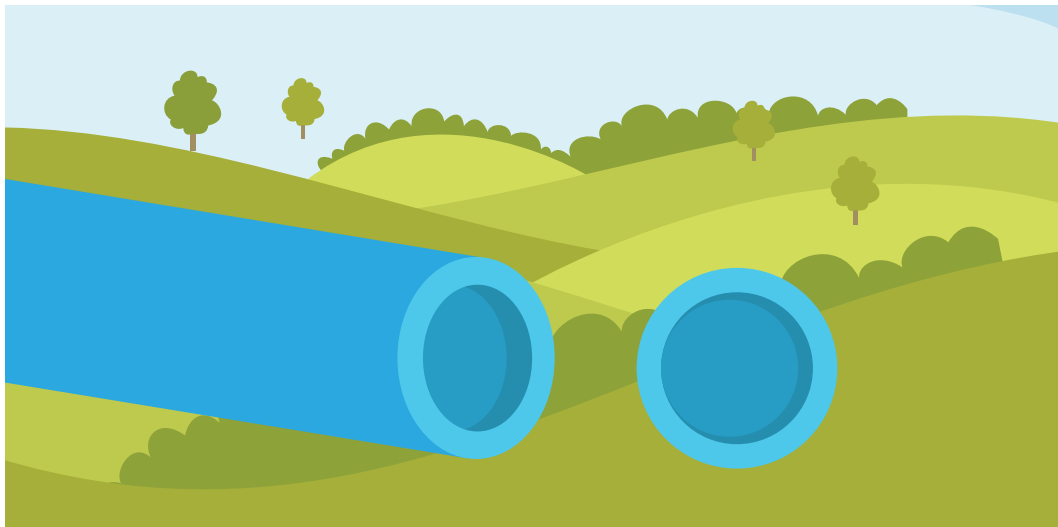
Installing MDPE or Barrier pipes

This sheet explains why you will need to use a specific pipe material on your site. To know which pipe material to install, please consult the customer sketch attached to your quotation.

MDPE Pipes

MDPE stands for (Medium Density Polyethylene). This pipe material is suitable for any land which has never been developed (referred to as 'greenfield'). If the site has previously been used for anything other than greenfield, you need to submit a soil report

(also known as a **ground investigation report**) as part of the application. This will determine whether you are required to lay the service pipe in MDPE or an approved, protective barrier pipe material.



Barrier pipes

Barrier pipes are required to provide a high level of protection against soil contaminants commonly found in previously developed sites (referred to as 'brownfield'). Barrier pipes systems incorporate an impermeable aluminium barrier layer within the wall of the pipe. This prevents the ingress that could potentially be caused by through wall permeation of hydrocarbons, and related chemicals, that could be present in contaminated land.

There are different barrier pipe systems but they must comply with Section 4 of the Water Supply (Water Fittings) Regulations 1999. When installing barrier pipes, please follow the manufacturer's guidelines for any additional fittings required for the installation. You may decide to install barrier pipes regardless of the type of ground you're developing on; if you do, please state this on your application and you will not be asked to submit a soil report.

