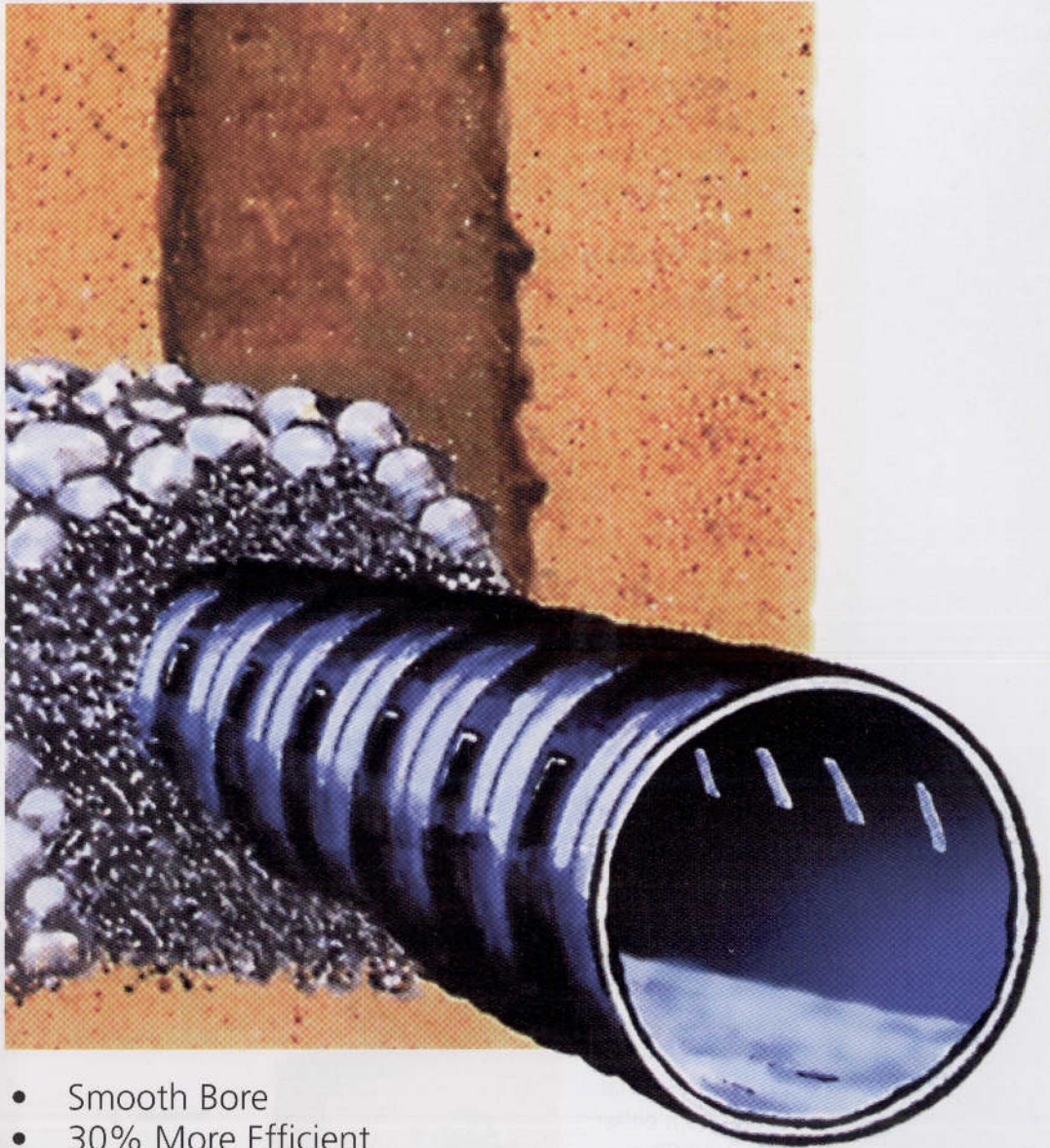


NEW!

NEXUS™ Novaflo **Drainage Pipe**

For all land drainage applications.



- Smooth Bore
- 30% More Efficient
- Self Flushing
- 65mm, 110mm, 160mm, 200mm OD sizes

Contact your local plumbing or building merchant
or phone Iplex Pipelines Ltd **0800 800 262**

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NEW!

NEXUS™ Novaflo Drainage Pipe

For all land drainage applications.

Flexibility

NEXUS pipe can be installed continuously around curves and bends, without the need for separate fittings, allowing NEXUS to be installed in continuous lengths.

How to lay Nexus

NEXUS Novaflo can work effectively on low gradients. The minimum grade (slope) allowed for trench and pipe should be as follows:

Nexus Novaflo Nominal O.D. (mm)	Maximum Recommended Gradient (m)
65	1 in 330
110	1 in 400
160	1 in 1000
200	1 in 1500

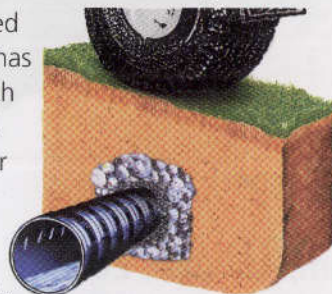
Steeper gradients will improve the clearance of silting or clay particles from the pipe bore.

Depth of Drainage

The maximum depth of burial in most applications is not often limiting and is usually determined by the nature of the soil/water profile. For applications where the trench depth is excessive the best information is available in AS/NZS2566.

External Load Strength

As a corrugated product, Nexus has excellent strength to resist external loads from either soil, backfill or vehicle loads provided it is installed correctly.



Backfill

An envelope of granular aggregate around the drain pipe improves the flow of soil water into the pipe by increasing the effective diameter of the drain and may under certain circumstances allow the spacing of drains to be increased.

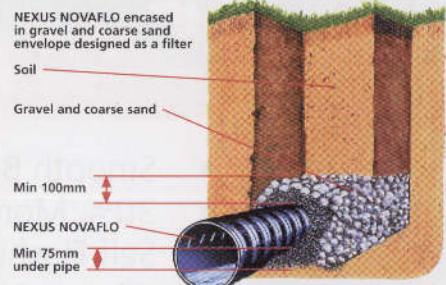
In permeable soils, water flows into the drain mainly through entry points at the sides and bottom of the drain pipe. It is therefore particularly important that the gravel envelope should completely surround the drain pipe in order to be fully effective.

Such an envelope can also act as a partial filter, hence reducing the ingress of fines.

In soils where particles can be washed into the pipe, eventually causing silting, a fabric filter can be used to impede the ingress of these fines.

Bedding and Backfill Alternatives

(a) Standard installation in permeable non-sandy soils.



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