

FarmBoss™

Rural culvert & drainage piping solutions



The FarmBoss™ range is the answer for any rural drainage application including: Farm and forestry culverts, dairy shed runoffs, field drainage and stream diversion.

FarmBoss™, part of the outstanding Bosspipe range, is an extruded, twin wall, high density polypropylene pipe. It features a smooth internal bore and a load-defeating corrugated exterior wall.

Features

- High density polypropylene
- UV resistant
- High strength to weight ratio
- Super smooth inner wall lining
- Range of sizes

Benefits

- Excellent resistance to impact, chemical attack and abrasion
- Easy to handle and transport
- Excellent flow characteristics
- Can be installed in a wide variety of conditions
- Fast and easy to install
- Pipe will not become brittle over time



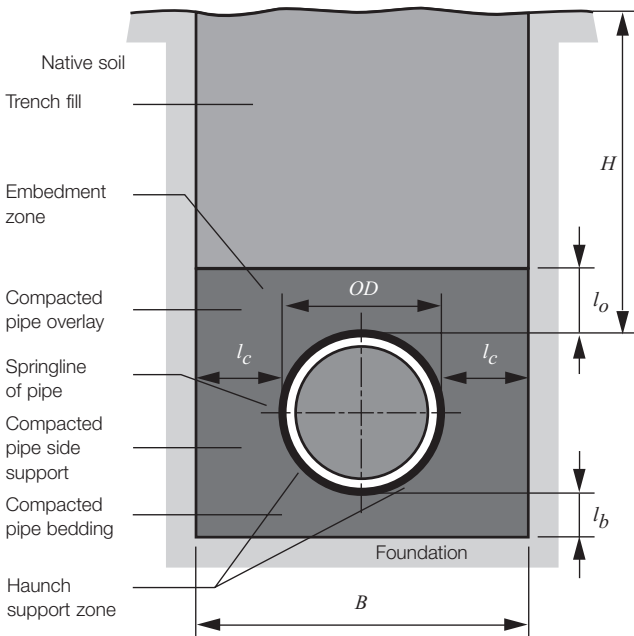
FarmBoss™ 

HUMES

Installation

You'll find all installation practices for buried flexible pipelines are given in AS/NZS 2566.2. For general guidelines the trench should be excavated to a bed width ensuring sufficient clearance (l_c) between the pipe and trench walls. Recommended minimum dimensions of the trench width is detailed in the table below or can be downloaded from the Waters & Farr website at www.watersandfarr.co.nz.

Pipe Diameter (OD)	Minimum trench width (B)
DN250	0.56m
DN315	0.75m
DN400	0.84m
DN500	1.13m



Loading conditions

The embedment of FarmBoss™ in normal soil should be of granular material, free from rocks and other hard or sharp objects, with the maximum particle size of 20mm, preferably in the particle size range of 14mm. The recommended minimum thickness of compacted bedding (l_b) is 100mm for sizes up to DN400 (OD) and 150mm for DN500 (OD).

To ensure good support to the bedding, side supports and overlay to a minimum thickness (l_o) of 150mm are constructed, compacting the bedding material in layers of not more than 150mm.

	Min Cover (H), m
FarmBoss installed under areas not subject to traffic or heavy loads	0.30
FarmBoss installed under areas zoned for agriculture use	0.60
FarmBoss installed under roads (unsealed) or subject to heavy loads	0.75

FarmBoss™ product range

FarmBoss™ is available in a range of commonly used internal and outside diameter sizes:

Internal Diameter (ID)	Outside Diameter (OD)
Plain End	
DN225mm x 5m	DN250mm x 5m
DN300mm x 5m	DN315mm x 5m
DN375mm x 5m	DN400mm x 5m
DN450mm x 5m	DN500mm x 5m
Socket Jointed	
DN225mm x 6m	DN250mm x 6m
DN300mm x 6m	DN315mm x 6m
DN375mm x 6m	DN400mm x 6m
DN450mm x 6m	DN500mm x 6m
Fittings	
DN225mm Coupler	DN250mm Coupler
DN300mm Coupler	DN315mm Coupler
DN375mm Coupler	DN400mm Coupler
DN450mm Coupler	DN500mm Coupler

Fabricated bends and junctions are available on request. Rubber rings are supplied separately if a sealed joint is required.

Quality compliance

FarmBoss™ is manufactured in New Zealand by Waters & Farr and complies to the dimensions of AS/NZS 5065:2005.

Buyers and users of the products described in this brochure must make their own assessment of the suitability and appropriateness of the products for their particular use and the conditions in which they will be used. All queries regarding product suitability, purpose or installation should be directed to the nearest Humes Sales Centre for service and assistance. © Fletcher Concrete and Infrastructure Limited 2006. Printed 09/06.

