



Plastic Culvert Pipe



The tough, lightweight, economical option for rural applications.



FarmBoss™

FarmBoss™ is manufactured from polypropylene, an extremely tough material with excellent and proven resistance to impact chemical attack and abrasion. FarmBoss™ is UV-resistant so unlike other plastics it will not become brittle.

FarmBoss™ is incredibly strong and light. FarmBoss™ pipe can easily be carried by two men, which means significant savings – in time, labour, machinery and therefore costs. Transportation is easy too – for example FarmBoss™ can be transported on utility vehicles using roof racks, small trailers and farm bikes where appropriate.

The smart design of the twin wall FarmBoss™ incorporates a super smooth inner wall lining and load-defeating corrugated exterior wall which results in excellent flow characteristics. Installation is fast and easy with FarmBoss™. FarmBoss™ is easily and quickly cut on site to lengths to suit the needs of the job – no fuss no hold ups and no hassles.

FarmBoss™ Range

| Outside Diameter (OD) | 250mm | 315mm | 400mm | 500mm |
|------------------------|-------|-------|-------|-------|
| Internal Diameter (ID) | 225mm | 300mm | 375mm | 450mm |
| Item Code | 88029 | 88030 | 88031 | 88032 |
| Length | 6m | 6m | 6m | 6m |
| Weight | 18kg | 34kg | 52kg | 71kg |

Installation and Structural Design

Our standard Farmboss pipe can be installed in a wide variety of conditions. In fact you'll find standard Farmboss will meet your needs for even the most demanding applications.

You'll find all installation practices for buried flexible pipelines are given in AS/NZS 2566.2. The trench should be excavated to a bed width ensuring sufficient clearance (l_c) between the pipe and trench walls and is 150mm for 225mm-300mm and 200mm for 375mm-450mm.

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 375mm diameter and 150mm for 450mm diameter.

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

MINIMUM TRENCH WIDTH (B)

| | | | |
|----------------|-------|----------------|-------|
| 225mm diameter | 0.56m | 300mm diameter | 0.84m |
| 375mm diameter | 0.75m | 450mm diameter | 1.13m |

MINIMUM COVER (H)

| | |
|--|-------|
| Farmboss installed under areas not subject to traffic or heavy loads | 0.30m |
| Farmboss installed under areas zoned for agriculture use | 0.60m |
| Farmboss installed under roads (unsealed) or subject to heavy loads | 0.75m |

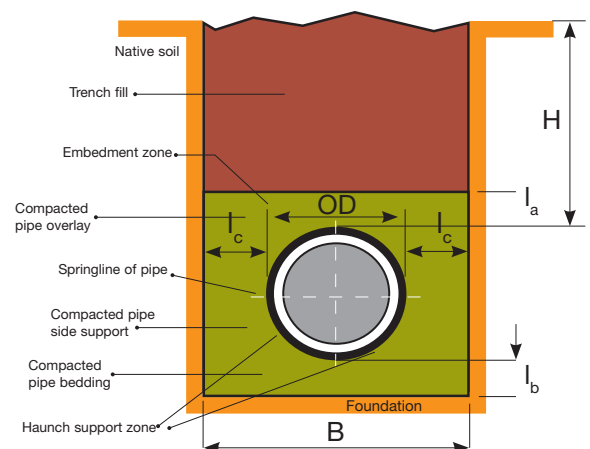


Applications

- Farm and forestry culverts
- Dairy shed runoffs
- Field drainage
- Stream diversions

Quality Compliance

FarmBoss™ is manufactured in New Zealand by Waters and Farr, dimensions comply to AS/NZS 5056:2005



For further information or advice freephone 0800 502 112 or visit www.humes.co.nz

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 2008. Printed 10/08.

