

# Installing BAILEY BAZOOKA Culvert Pipe

## BAZOOKA

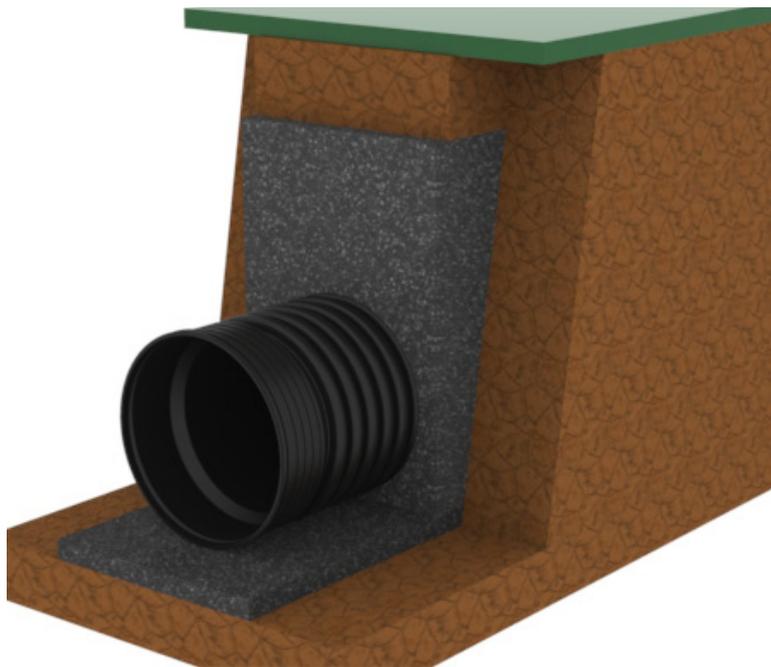
Bazooka Culvert Pipe when installed correctly is a tough, light weight and economic solution for stormwater in agricultural areas.

## BEFORE YOU START

Correct design and installation is vital to the performance of any polyethelene pipeline system. This installation document is provided as a guide only, for detailed information refer to AS/NZS 2566:2000 - Buried Flexible Pipelines.

## TRENCH

Trench width should be kept as narrow as possible (approximately 300mm wider than the pipe diameter) while still being able to compact the backfill material, particularly under the haunches. Ensure that the trench sides are cleanly cut to avoid contamination of the backfill during installation. The trench floor should be cut to the required grade and should support the pipeline along its full length.



## BURIAL DEPTH

Burial depths are as follows:

No vehicle traffic	300mm minimum cover
Subject to infrequent light vehicle traffic	600mm minimum cover
Subject to infrequent heavy vehicle traffic	750mm minimum cover

Bazooka should not be laid deeper than 2m of cover without first consulting a suitably qualified person to advise suitability and correct trench and back fill design.

## BEDDING

Suitable bedding material should be placed and compacted to remove any irregularities in the bottom of the trench. Gravel bedding material of between 5-10mm is recommended. Scallops should be made in the bedding to incorporate sockets for pipes DN/OD150 & DN/OD200. NB scallops are not required for pipes DN/OD250 to DN/OD500 as the socket and spigot have the same OD as the pipe.

## PIPE LAYING & BACKFILL

The pipe should be laid centrally in the trench, jointing can be either performed in the trench or before before placement. A well draining gravel should be used to backfill the trench. Gravel of between 5-10mm is recommended and will allow for easy compaction. Carefully place and compact the backfill material to a minimum of 150mm of cover above the pipe. Backfill and compact the remainder of the trench with suitable soil.

For any further information contact a Baileys technical representative on: **0800 861 333**