



GATEWAY CULVERT PIPE

A time-proven favourite of farmers



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BENEFITS

- Strong
- No rust problem
- Easy to handle
- Proven, time tested product

TECHNICAL DATA

- Made to AS/NZS1254 Stormwater Standard
- Socket one end
- uPVC construction
- 5m long standard length
- 6m long available

USES

- Farm culverts
- Forestry culverts
- Cut in 1/2 lengthways
- Stock troughs, fluming
- Builders - columns

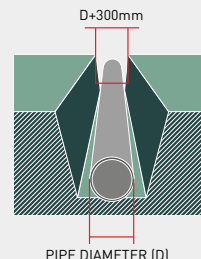
TIPS

- Project end of pipe to prevent erosion of backfill downstream
- Timber, stone or grass headwalls to prevent erosion upstream
- No sharp objects in contact with pipe when laying or backfilling
- Socket end of pipe to face upstream

INSTALLATION

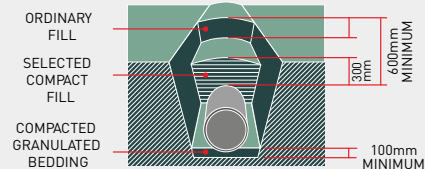
EXCAVATION

Dig a trench 300mm wider than the pipe. Ideal depth of cover is 600mm.



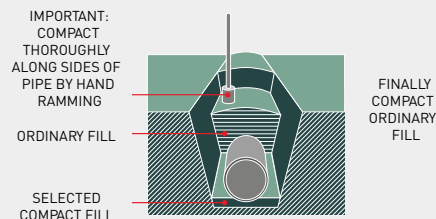
PIPE LAYING

Bedding to be 5-20mm compacted granular material. Lay pipe in centre of trench. Selected compactible fill (not wet clay) added in layers around pipe to 300mm cover. Top up trench with compacted ordinary fill.



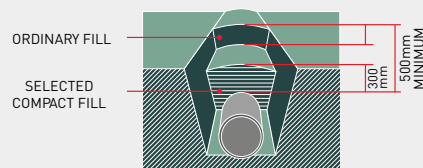
COMPACTION OF BEDDING

GATEWAY pipes uses its flexibility to transfer load to the surrounding bedding. Thorough compaction of the fill along the pipe sides is important to ensure long, trouble free service. Fill should be carefully compacted by hand ramming along the sides of and around the pipe and built up to the finished ground surface.



LIGHT DUTY INSTALLATION

Selected excavation fill may be used as bedding. It should be substantially free from rock, tree roots or rubbish. Wet or saturated clay shouldn't be used as bedding or surrounding material. The minimum depth of cover should be 500mm.



Pipe size	Product code	Quantity	Fittings Available
110mm	550-110-5m		Bends 15°, 45°, 90° other angles to order Junctions 45°, 90° Reducing Junctions - range of sizes Flap Valves - prevents water flowing back up the pipe Joiners Fluming socks
160mm	550-160-5m		
200mm	550-200-5m		
250mm	550-250-5m		
315mm	550-315-5m		
400mm	550-400-6m		