

Markham Culverts Ltd Assembly Guide Flanged Nestable Pipe

Class1 AS/NZS 2041:1988 – 68 x 13mm Corrugation



Please note:

The photographs shown in this document are of pipe being assembled are for demonstration purposes only, the pipes must be placed on properly prepared beds.

All corrugated steel pipes being used as Buried Metal Corrugated Structures must be installed on prepared beds, backfilled and compacted in full compliance with AS/NZS 2041:1998:



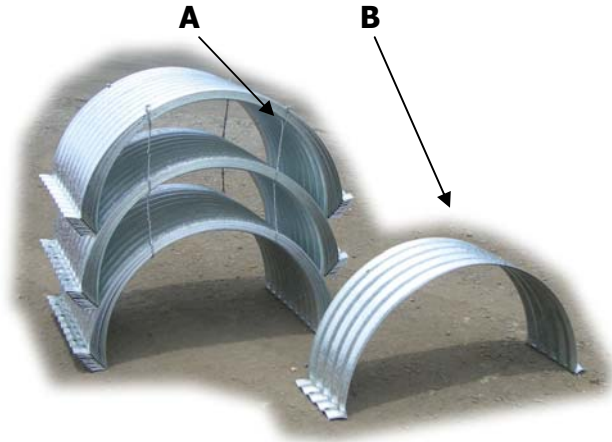
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Assembly Instructions Flanged Nestable Pipe



The sheets arrive on site in "Nested" bundles

A: Full Sheets (610mm Net Laying length each.)

B: End closure 1/2 Crown (Top) Sheets (305mm Net Laying length each.)– on large orders these sheets may be shipped inside a full bundle

- 1) Starting at the downstream end lay the first invert plate ("A") on the pre-prepared bed and attach the second plate, lapping on top of the first sheet & inserting the bolt(s) from underneath



- 2) Working upstream attach each invert plate in the same manner until you complete the invert – pulling into alignment on your centre line as you proceed.



- 3) Start laying the Top sheets at the upstream end using a 305 mm half sheet ("B")



3) Continuing from the upstream end lay the Full crown sheets using the 610 mm wide half circle Top Sheets – note & maintain the half sheet stagger between top & bottom plates.

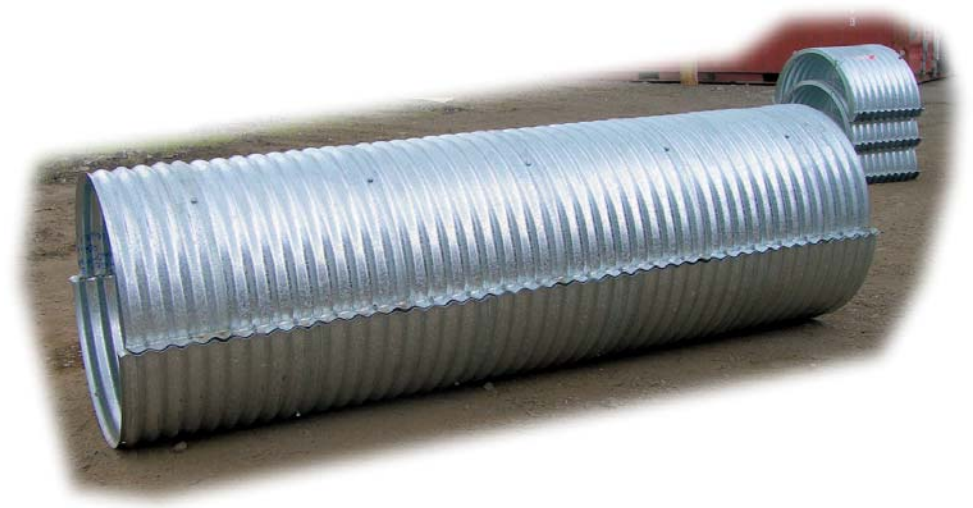


Insert all nuts & bolts as you assemble – keep the nuts & bolts relatively loose on the two rings next to where you are placing sheets.



5) Finish off the top by using another 305 mm half sheet ("B")

6) Progressively tighten all bolts – Since it is the flange faces taking the load and not the bolts there are no specific torque requirements for flange type Nestable pipe seam bolting, however, a firm good tight seam is required - using a standard hand socket or spanner.



Re-Tighten if necessary - All Nuts & bolts must be tightened.

Nestable Pipe Assembly Times

