



TESTING

This cable gland range has been tested for IP 68 for 60 metres for 6 hours in equipment with threaded entries with more than 6 full threads engagement.

INITIAL ASSEMBLY

Assemble the cable gland fully in line with Assembly Instruction Sheet AI 461. Carry out inspection, by disassembling the cable gland, ensuring the sealing compound is fully cured.

PREPARATION OF THE DISASSEMBLED PARTS

Ensure both male and female threads are clean, dry and free from any oil or grease. Clean parts with a solvent cleaner, we recommend AME cleaner, if parts are not clean, dry and oil or grease free.

APPLICATION

Re-assemble cable gland in line with the supplied assembly instruction sheet, including the fitment of a plastic sealing washer.

Apply a bead of the Loxeal 83.54 around the first 2 thread forms (marked A) around the complete circumference of the male thread and apply a small bead onto the first 2 threads in the female thread (marked B), half the diameter of the orifice. Assemble the components as normal and tighten as required. Any excess adhesive which comes outside of the joint remove with a cloth and dispose of in a bin. Allow the adhesive to cure, handling strength will be reached in 1-3 hours, and full cure is 24-36 hours. In very cold temperatures, an activator (ATT11) may need to be applied to ensure the adhesive cures.

By applying the adhesive on both the female and male fitting this will ensure that the adhesive will spread throughout the joint and thread forms and will lock and seal the components throughout the joint. The adhesive is impervious to sea water and sea/salt spray.

NOTE

- 1) Do not allow the Loxeal to migrate onto the cable gland seals, compound or armour clamping section. A sealing washer will be required on the metric gland entry thread.
- 2) **Once the Loxeal sealant is fully cured, it is not possible to disassemble or re-adjust the cable gland.**