

Maintaining IPx8 on Hawke Cable Glands (30m for 7 days to EN 60529)



SCOPE

These instructions describe the additional processes required in order to maintain IPx8 30m 7 days to EN 60529 with Hawke Cable Glands.

PREPARATION

Ensure both male and female threads are clean, dry and free from any oil or grease by using a solvent cleaner. Care should be taken to avoid contact of any cleaner with the rubber components.

Hawke international has tested and recommends the use of Loxeal 83.54 or 55.37 thread sealant. The adhesive is impervious to sea water and sea/salt spray.

APPLICATION

For gland installation, follow the correct installation instruction for the gland type. Through this installation process, apply thread sealant to the highlighted male (A) and female (B) threads at the appropriate stage. The locations and quantity of the threads requiring additional sealant varies dependent on gland construction - Refer to the diagrams below.

For Male Threads (A) - apply to the first two threads, complete circumference of the threads

For Female Threads (B) - apply to the first two threads, half of the internal circumference only.

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.

If any excess adhesive comes outside of the joint, remove with a cloth or tissue and discard. Do not allow the Loxeal to migrate onto the cable gland seals or armour clamping section.

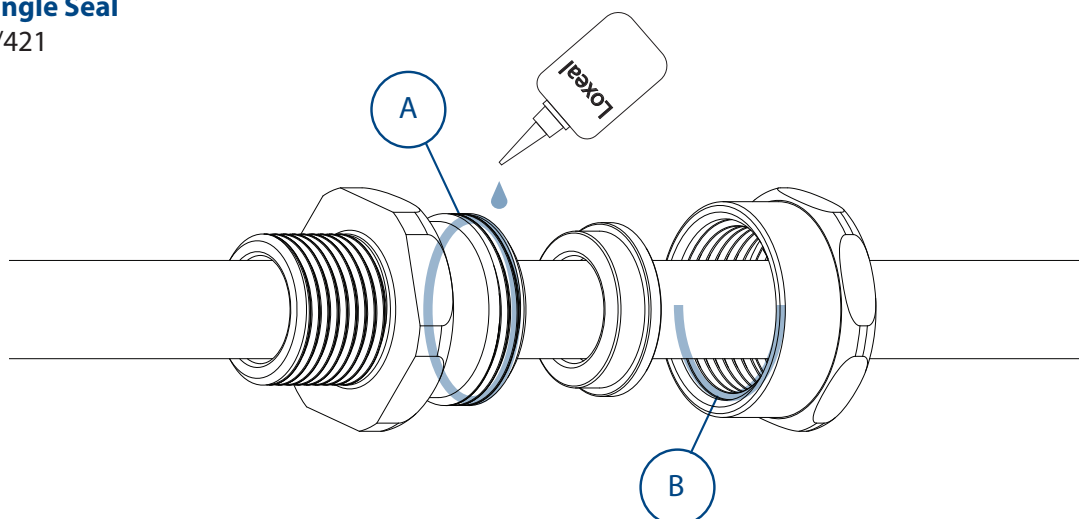
Allow the adhesive to cure. Handling strength will be reached in 1-3 hours and full cure is 24-36 hours. In very cold temperatures, an activator (ATT11) may need to be applied to ensure the adhesive cures. Contact Hawke International for more information around this if required.

SEALING TO THE ENCLOSURE

This instruction defines how to maintain IPx8 30m for 7 days to EN 60529 into the body of the cable gland. The installer should also be aware of how to maintain IPx8 at the joint between the gland and enclosure. If into a threaded entry hole, Hawke International recommends the use of a Hawke nylon IP washer and application of Loxeal 83.54 or 55.37 to the threads, except for in EX "Exd Flameproof" applications where according to EN 60079-14 any suitable substance shall be non-setting.

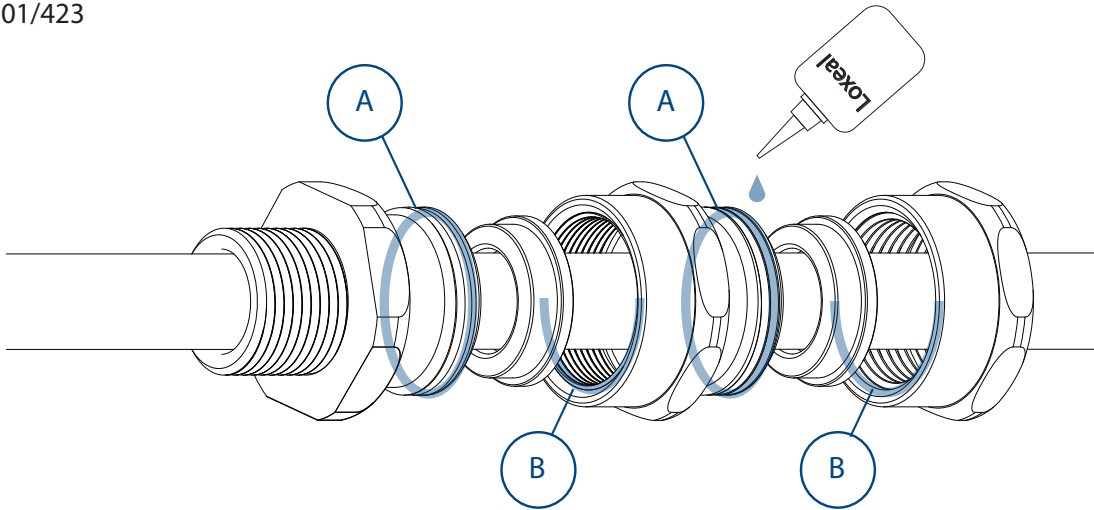
GLAND TYPE - Single Seal

Models: 121, 501/421



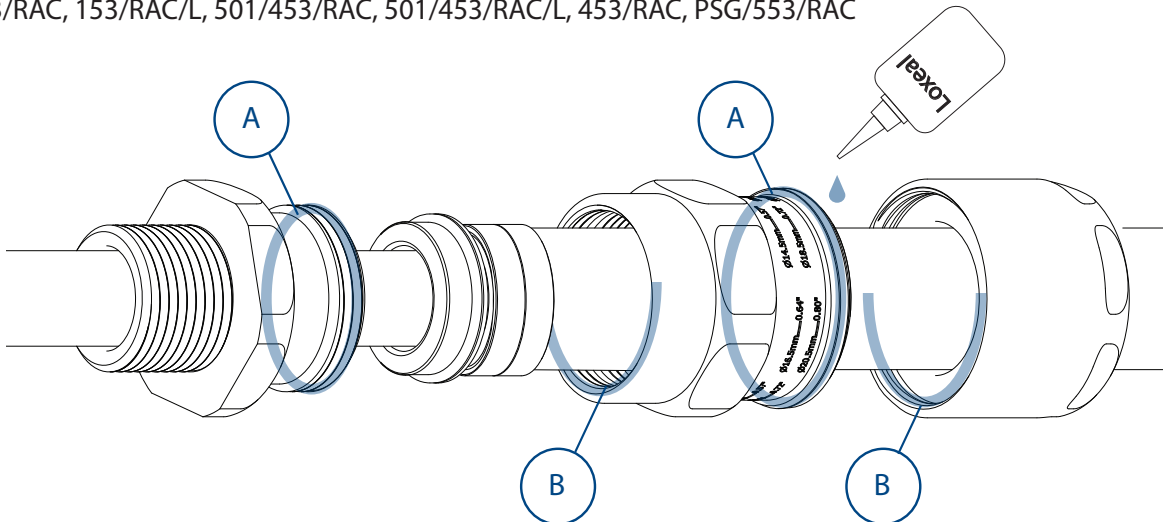
GLAND TYPE: Double Seal on outer sheath only

Models: 123, 501/423



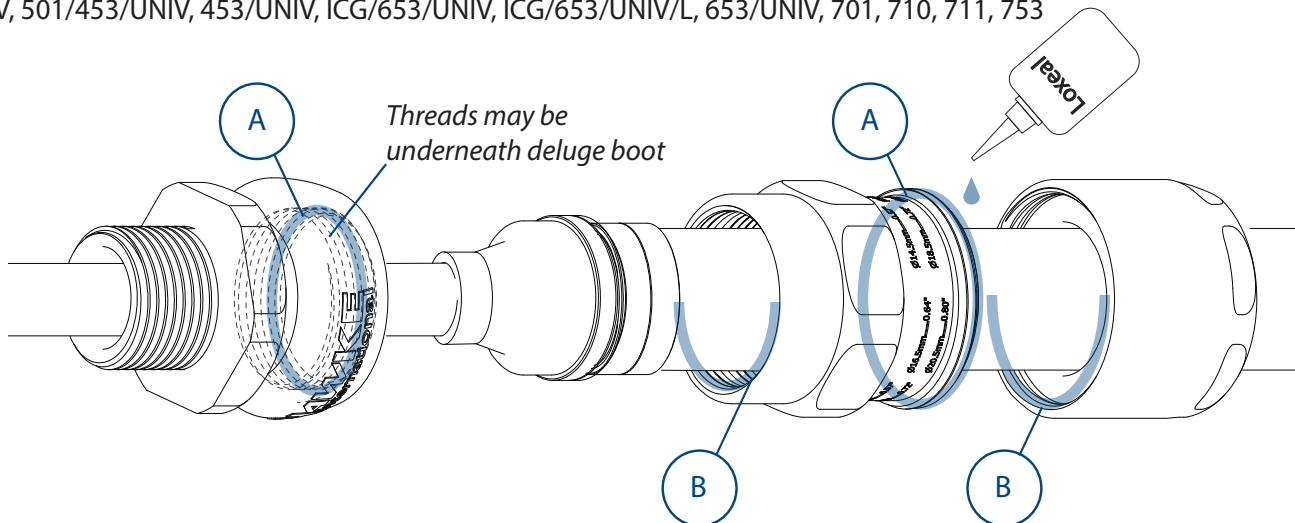
GLAND TYPE: With Armour clamp, no Deluge boot

151/RAC, 153/RAC, 153/RAC/L, 501/453/RAC, 501/453/RAC/L, 453/RAC, PSG/553/RAC



GLAND TYPE: With Armour clamp, with Deluge boot

153/UNIV, 501/453/UNIV, 453/UNIV, ICG/653/UNIV, ICG/653/UNIV/L, 653/UNIV, 701, 710, 711, 753



Note: The gland internal components may differ from the above images dependent on gland type.