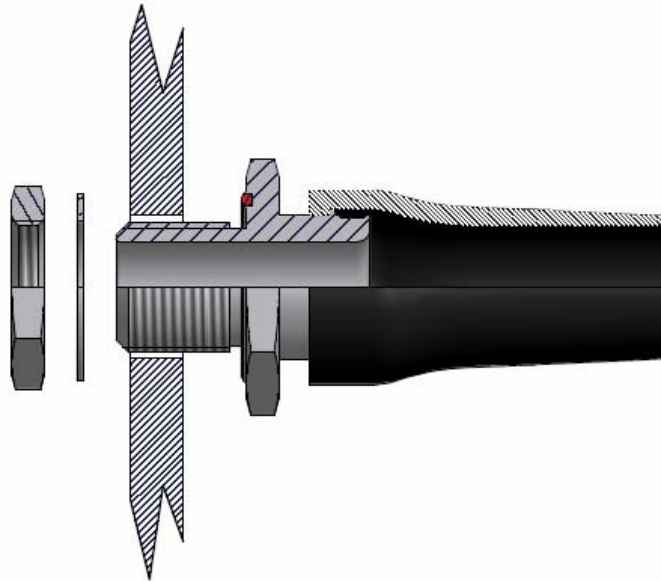


**POLAMCO 100P275 FEEDTROUGHS WITH HEATSHRINK SCREENED KITS
INSTALLATION GUIDE (TUBING AND BOOTS)**

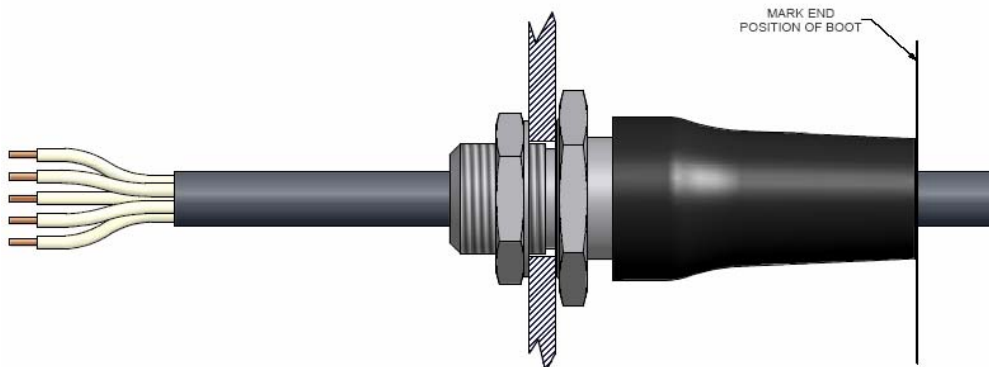


1.1. Install gland to bulkhead and tighten to the specified torque given in table 1:

Table 1 – Feedthrough Torque

Feedthrough Size	Recommended Torque	
12	20 Nm	14.6 lb.ft
16	25 Nm	18.2 lb.ft
20	30 Nm	21.9 lb.ft
24	35 Nm	25.5 lb.ft
30	40 Nm	29.2 lb.ft
36	45 Nm	32.8 lb.ft
48	50 Nm	36.5 lb.ft

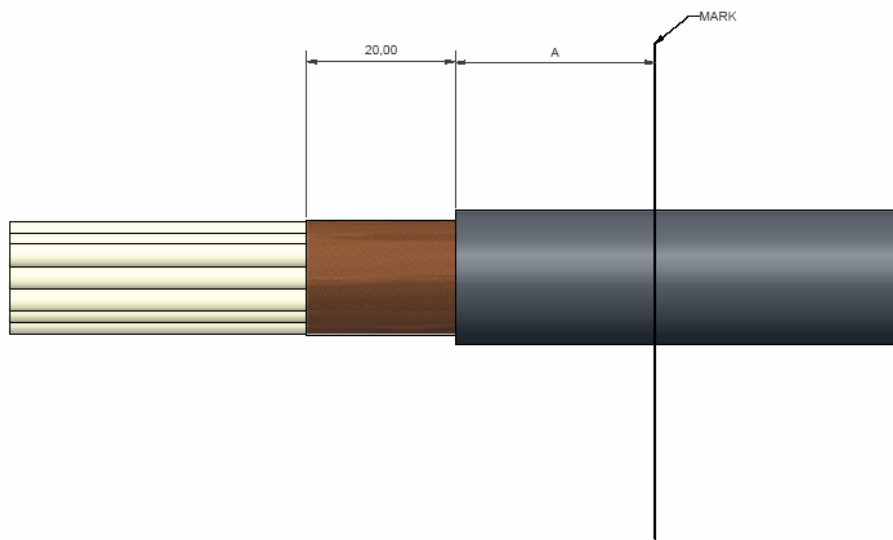
1.2. Feed the cable through the gland to the required position and mark the cable at the end of the heatshrink boot.



1.3. Remove the cable from the gland. Take dimension A from Table 2 and mark the cable this distance back towards the bulkhead from the initial mark made in step 1.2. Strip back the cable jacket to this mark to expose the braid.

Table 2. Boot Adhesion Length A

Feedthrough Size	A (mm)	A(mm) Unscreened
12	10	25
16	12	30
20	12	30
24	15	40
30	15	40
36	20	50
48	20	50



1.4. Cut back the cable braid leaving 20mm exposed from the end of the cable jacket.

1.5. Either fold back or bunch up the cable braid to expose the wires beneath it, and use self-amalgamating tape to pack out the exposed braid. Replace and secure the ends of the braid with tinned copper wire. It is important that the ends of the wire are flat against the braid.

1.8. Prepare the cable jacket by degreasing at least 30mm using the cleaning tissue provided. Thoroughly abrade this first 30mm of jacket with the abrasive paper provided.

1.9. Reposition the prepared cable so that the mark is at the end of the heatshrink boot, as in step 1.2, and orientate as required.

1.10. Holding in position, Shrink the rear of the heat shrink part onto the cable using a standard heat gun fitted with a suitable reflector at setting No 7. Remove the excess adhesive, which extrudes from the end of the moulded part, leaving a small fillet. Apply further heat for 30 seconds in the region of the exposed cable braid to ensure adequate flow of the conductive adhesive.

1.11. Allow cooling to room temperature before flexing.