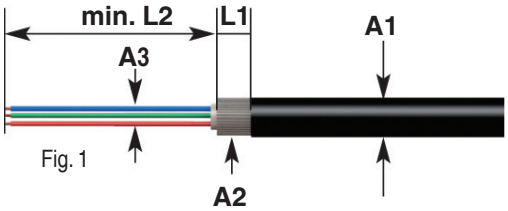


Fig. 1

Step 1
The cable is to be prepared as shown in Fig. 1. Measurements L1 should be followed. Measurement L1 can be found in Table 1 (Page 11). Choose measurement L2 depending on the installation.

Important
The Exios Barrier Cable Gland is typically designed for use with armored cables. However, it is also possible to use with NON-ARMORED cables. In this case it is important to use one clamping ring as a spacer for the installation!


Fig. 3

Step 2
The cable gland is delivered with 2 armor clamping rings. Choose the appropriate clamping ring the other one must not be used. Remove the brass compound tube. After that, prepare the installation as in Fig. 2. Care should be taken with the correct installation of the armor clamping ring, Fig. 3.

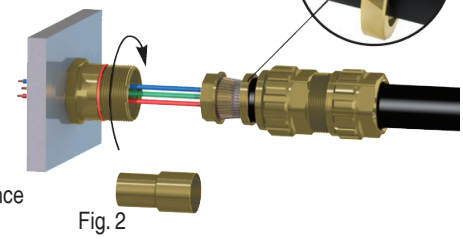


Fig. 2

Step 3
Install the entry component on the device or housing 11.06 Lb-Ft (15 Nm). The end-user is responsible for ensuring that, at the point of installation, the adapter for the entry component has been made ready in accordance with Regulations. The entry component can be provided with a locknut to keep it from working loose.

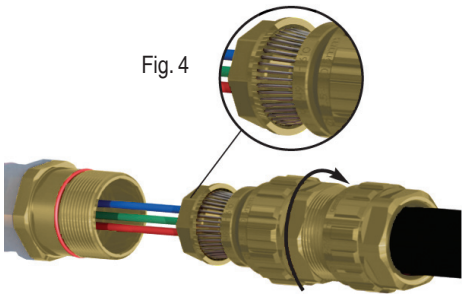


Fig. 4

Step 4
Position the armor of the cable so that all parts of the armor are in contact with the armor cone (Fig. 4) and the ends of the armor touches the edge of the armor cone.

Now screw the gland body hand-tight onto the entry component. It helps if, while doing so, the cable is pushed slightly in towards the device or housing. Finally, with the appropriate open-ended spanner, tighten fast in order to securely clamp the armor.

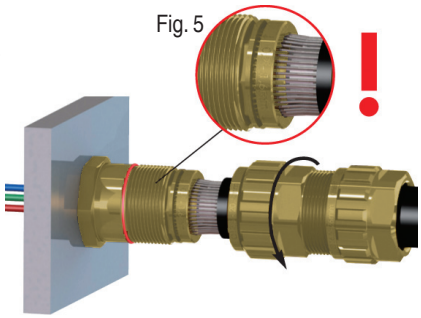


Fig. 5

Step 5
Loosen the gland body and check for correct seating of the armor (Fig. 5). The armor must be firmly clamped. If needed, repeat Step 4.

Preparing the Compound:
Please check the compound's expiration date and take note of the contents of the attached Safety Data sheet. Use the protective gloves included, as well as suitable eye protection. The compound can be applied at tempertures between +10°C and +40°C . Application is ideally carried out at room temperature (+20°C). Processing time is approx. 15 min.

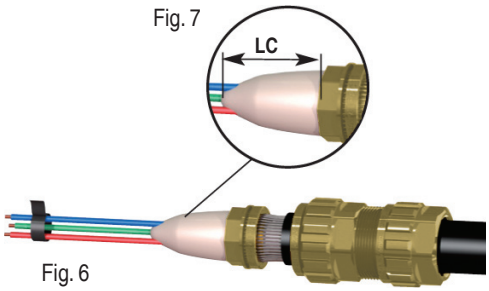


Fig. 6

Fig. 7

Step 6
Mix and knead the appropriate quantity of compound for the job until a completely uniform color is achieved. As in Fig. 6, apply the compound between and around the individual conductors. Filling the sleeve completely is easy if the compound has first been given a conical shape as shown in Fig. 7. The conductors can be fixed with tape to prevent them from moving out of place. Fig. 8.

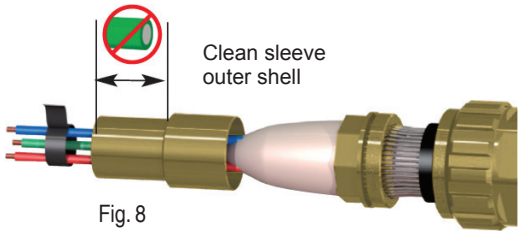


Fig. 8

Step 7
Push the sleeve and the armor cone together. This causes the compound to be compressed. Remove the excess compound. Care should be taken that sleeve has been filled to the end. If neccessary, wipe the outside of the sleeve to keep the surface clean.

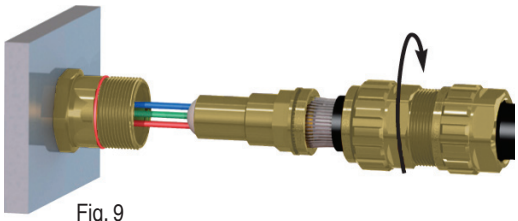


Fig. 9

Step 8
Carefully insert the sleeve into the entry component.

Step 9
After the entry component and gland body have been threaded together, the dome nut can now be tightened. Start tightening by hand to speed up assembly time. Tighten using an open-ended spanner (4 Nm). Fig 9 & 10

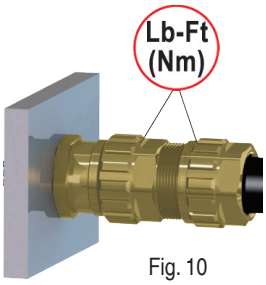
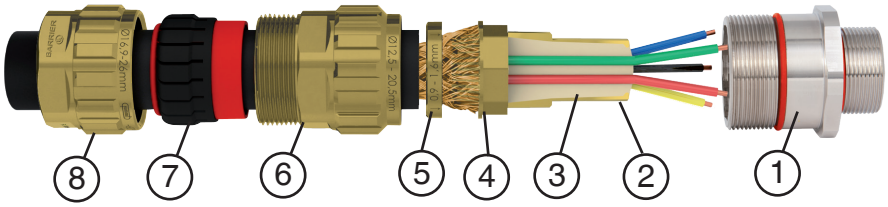


Fig. 10



EXIOS + BARRIER

Components
1. Entry Components
2. Compound Sleeve
3. Compound
4. Interlocking Armor Cone
5. Armor Clamping Ring
6. Gland Body
7. Outer Jacket Sealing
8. Dome Nut Top