

Installation Instructions for Small Maintenance Closure Kit Item Code: 51300212



KIT CONTENTS

Small Closure for maintenance of existing joints

- 1 x Dome with retaining pin
- 1 x Base
- 1 x Narrow Clamp
- 1 x Grommet
- 1 x Cable Retainer
- 1 x O Ring
- 1 x 30g Silica Gel
- 1 x Putty Block
- 1 x Instruction Sheet
- 3 x Large Cable Ties
- 6 x Small Cable Ties



- 1.** Critically important to clean cable with PF Wet & Dry Wipes to remove all residue and grease.



- 2.** Critically important to abrade cable for a distance of 150mm below the stripping port using the abrading tape provided. Clean again with PF Wet & Dry wipes after abrading.

Installation Instructions for Small Maintenance Closure Kit Item Code: 51300212



- 3.** Determine the cable layout and cut D shaped grommet accordingly, this adaptor allows a maximum of 3 larger and 3 smaller cables as shown. Refer to cable layout guide.



- 4.** Install cable in D shaped grommet slots ensuring the natural lie of the cables are maintained.



- 5.** For air core cables cut and remove all the wraps and splay conductors to allow flow of sealant around the conductors to form a water block.



- 6.** For air core cables position minimum of 40mm of sheath above base. This allows minimum of 30mm of sealant to be applied above butt of cables. For grease cable minimum of 100mm of sheath above base.



- 7.** Clean and dry internal surfaces of the chambers to be used.



- 8.** Cut the sealed end of the plastic bag supplied with the sealant 10B kit as shown.

Installation Instructions for Small Maintenance Closure Kit Item Code: 51300212



- 9.** Install bag into the base of the closure and fold both ends as shown. This creates a “tunnel” for the conductor bundle and protects the closure from grease contamination.

- 10.** Clean cable again with wet / dry wipes. Insert cable into the base through the plastic bag as shown to avoid grease contamination on the side walls of the closure. Important to position the cables in the grommet prior to insertion into the base.



- 11.** Unfold bag. Remove O ring. Attach upper cable jig to centralize and hold the cables in place. Pull out the bag from the top of the closure to avoid contaminating closure walls.



- 12.** Clean cables again with PF Wet & Dry wipes. Insert cables into the base of the closure as shown. Important to position cables in D shaped adapter prior to insertion into the base.



- 13.** Ensure that groove shown above snaps securely into the base of the closure.



- 14.** Clean cables and closure base again using wet / dry wipes provided.

Installation Instructions for Small Maintenance Closure Kit Item Code: 51300212



- 15.** Slide cable retainer into receiving slot on the closure base.



- 16.** Attach cables to retainer using cable ties to hold cable in place during sealant setting.



- 17.** Attach closure to pit guard as shown.



- 18.** Remove the O ring and tie to cable jig using ties as shown. Ensure cables are separated.



- 19.** Dam or seal cables to base of closure using putty to create a dam to prevent sealant from setting.

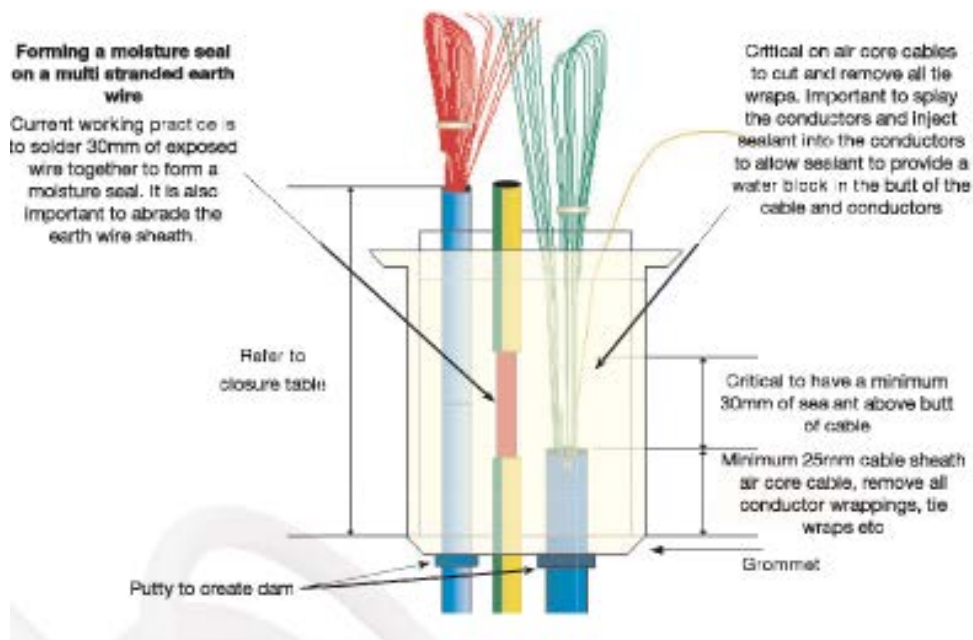


- 20.** Dispense sealant. Fill to the top of the inner cup. Spacing of cables is vital to ensure effective seal.
Note: for sealant dispensing please refer to instructions provided with Dexbond sealant 10B.

Installation Instructions for Small Maintenance Closure Kit Item Code: 51300212



20. Immediately after sealant application, gently rotate conductors on air core cables to allow sealant to flow around conductor bundle. Wait at least 30 minutes before moving the closure.



22. Pressure test using small dome tester and hand held pump 30 minutes after sealant application.
Note: It is recommended to pressure test all new closure installations using leak detection fluid at the base of the closure.



23. Remove 30g Silica Gel from plastic bag. Sign and date silica gel label. Insert silica gel into the closure. Replace silica gel every time closure is opened. Gel changes from yellow to green to indicate that the silica gel needs to be replaced.

Installation Instructions for Small Maintenance Closure Kit Item Code: 51300212

Cable Layout Guide Small Maintenance Closure

Main port.

Maximum

50 / 0.40 looped

Or

20 / 0.64 looped

Or

10 / 0.90 looped

Or

5 x 2 / 0.40 in
main central
port

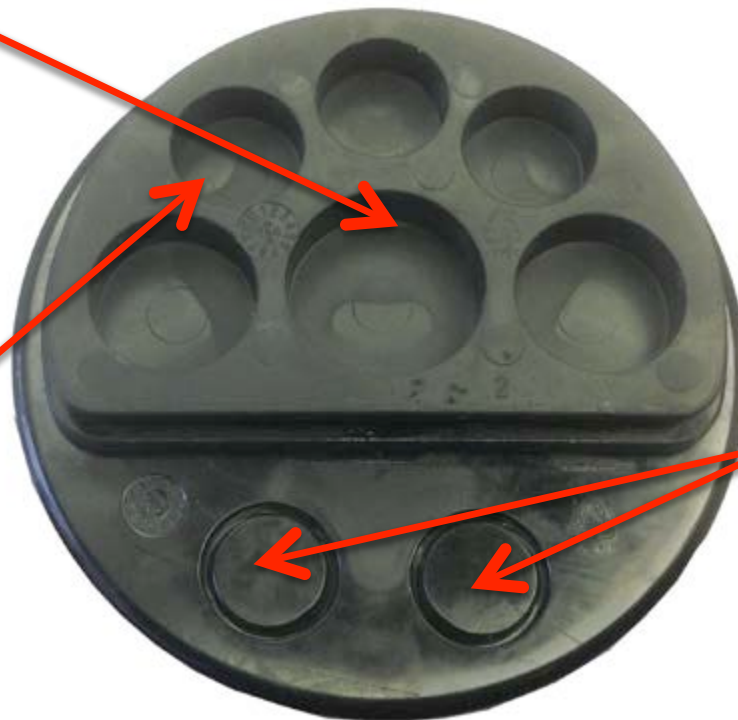
Minimum

Looped or
single

10 / 0.64

6 / 0.64

6 / 0.90



**2 knockout
ports.**

Maximum

10 . 0.40 or 10 /
0.64 or 6 / 0.90

Minimum

2 / 0.40 or 2 /
0.64 or 2 / 0.90

Notes:- Critical steps installing closure

1. It is important that the Cable is restrained, so they do not move cables while sealant is setting.
2. Base of the closure is secure while pouring sealant and the number of cables within the closure are limited to what we recommend
3. Cables are abraded & cleaned and separated, using the Cable Jig etc and cable ties. Securing the cable to the guards also helps separate and retain the cables.
4. For air core cables ensure the water block instructions and our recommendations are followed, i.e. clean, position nozzle of the sealant in the conductor bundle, use 30ml of sealant above the butt of the cable, that the conductors are gently moved immediately on application of the sealant so the sealant can permeate around the conductors to give an effective water block
5. If room available in closure a larger silica gel bag can be used.

DexGreen Ltd, Unit 2, Pinnacle Business Park, Ballytrasna, Little Island, Co. Cork, Ireland

Tel: +353 21 4317955

Email: sales@dexgreen.com

Fax: +353 21 4316269

Internet: www.dexgreen.com