Hot-Air Applied Conversion Collar

INSTALLATION INSTRUCTION

1.0 General Product Information

This kit converts the dome-to-base seal on FOSC 100 B and B2 closures from a hot-air or AutoFit seal to a FOSC 400 closure mechanical seal.

2.0 Kit Contents

· Conversion collar
· FOSC 400 B closure dome
· O-ring
· FOSC 400 B closure dome-to-base clamp
· Hot air dome-to-base seal
· Locking ring
· Cleaning tissues
· Abrasive strip

3.0 Additional Required Materials

· Work stand
· Hot air gun (CV1981 or equivalent with tip)

4.0 Installation Instructions

1. Attach closure to FOSC Work Stand.

2. Remove the AutoFit or hot air dome-to-base seal. Do not cut into base-dome interface.

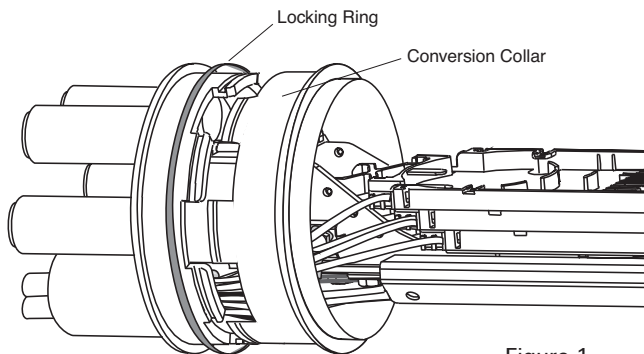*Note: If any lateral scratches are present on the sealing surface, file them away with the abrasive strip.*

3. Remove locking ring and pull dome from base.

4. Slide new hot-air seal over base (seal won't fit over collar flanges, so it must be put on first.)

5. Slide collar on over splice trays and insert supplied locking ring to hold it in place. (Figure 1)

6. Install hot air seal to secure collar to base:

   a. Clean the sealing area with a cleaning tissue. Abrade the cleaned area with the abrasive strip, and remove any abraded material with a clean, dry cloth.

   b. Preheat sealing area at full power on the hot air gun until the sealing area is warm to the touch.

   c. Remove protective strip from adhesive wrap. Install adhesive wrap around the sealing area, sticky side down.

   d. Slide hot air seal over adhesive strip.

   e. With hot air gun on full power, shrink hot-air seal until it is completely recovered. When all green thermochromic paint has turned black and melted adhesive appears around seal edges, seal is correctly installed.

7. When the seal is cool to the touch, install the o-ring and the new dome. Install FOSC 400 B closure dome-to-base clamp as shown in Figure 2.

8. Flash test the closure at 5 psi. Release pressure after testing.
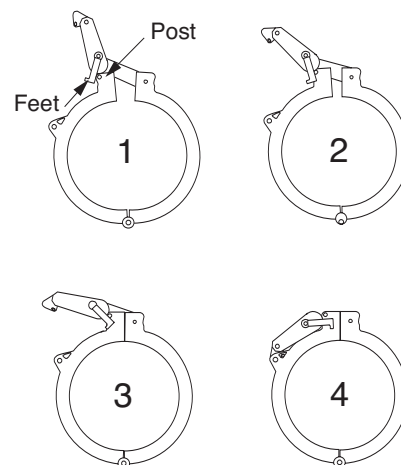

Locking Ring

Conversion Collar

Figure 1

Post

Feet

1

2

3

4

Figure 2

CommScope Inc.

Patents:
http://www.commscope.com/
ProductPatent/ProductPatent.aspx
Contact us at Support Center:
http://www.commscope.com/
SupportCenter/TechnicalSupport.aspx

FOSC 100, FOSC 400, CommScope are trademarks.