

3M™ Water-Resistant Boot, 378 Series, 37800-P000

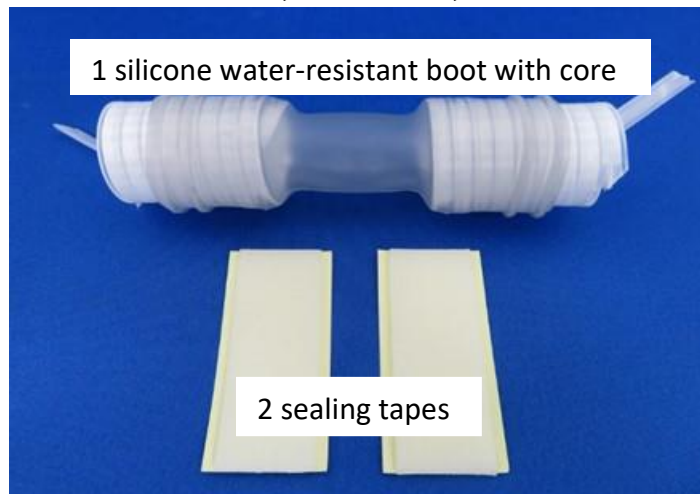
Instructions for installing 3M™ Water-Resistant Boot, 378 Series on 3M™ Mini-Clamp Cable Assemblies.

Key Features

- See TS-2700



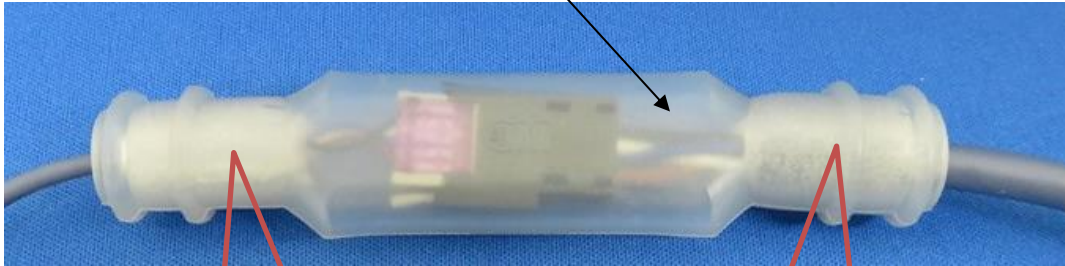
3M™ Water-Resistant Boot, 378 Series, 37800-P000 kit contains



3M™ Water-Resistant Boot, 378 Series, 37800-P000 Kit

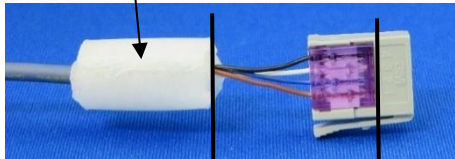
Completed Assembly

Silicone water-resistant Boot



Sealing tape for protection and cable OD adjustment

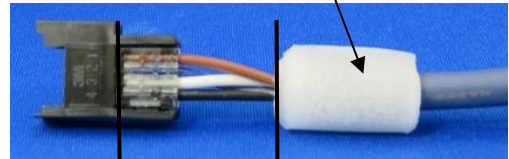
3M™ Mini-Clamp Plug



25mm

Sealing tape for protection and cable OD adjustment

3M™ Mini-Clamp Socket



25mm

3M™ Water-Resistant Boot, 378 Series, 37800-P000 Kit

Step 1:

Insert cable through tube.

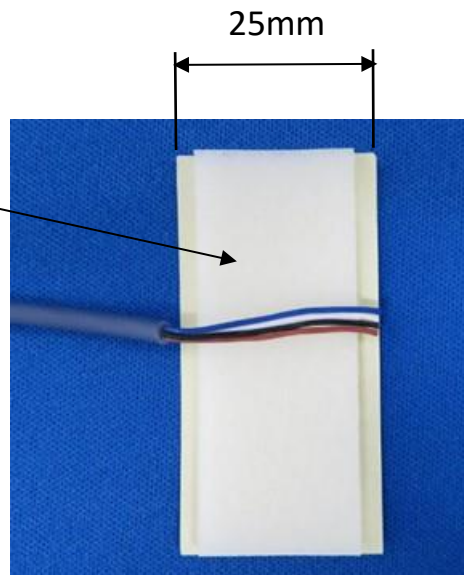
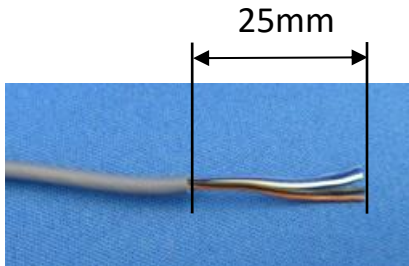


Also can insert the cable with connector after connector termination

Step 2:

Strip cable jacket back 25mm.

Can use release paper as reference of the length since the width of the paper is also 25mm.



Prevent damage on wire when strip

Step 3:

Insert wires into connector and press to terminate.



Use pliers or 3M Tools

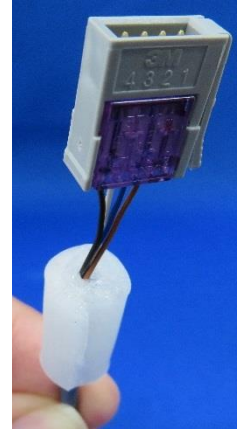
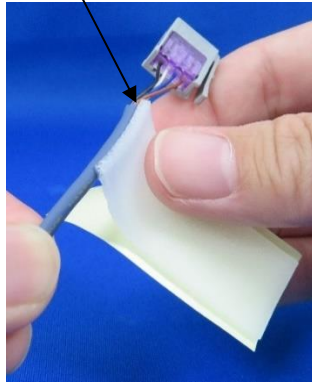
3M™ Water-Resistant Boot, 378 Series, 37800-P000 Kit

Step 4:

Attach sealing tape.

Remove the yellow release tape and wrap the tape around cable. Pull together the edge of tape with edge of cable jacket

Pull together 2 edges



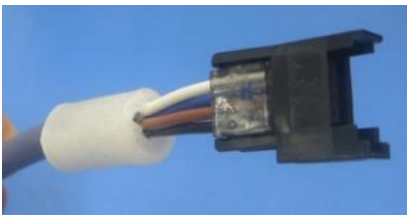
*For maximum protection, use all of the tape

*Don't unwind and rewind the tape

Adhesives are applied on one side only

Step 5:

Repeat steps 2 thru 4 on other side.



Step 6:

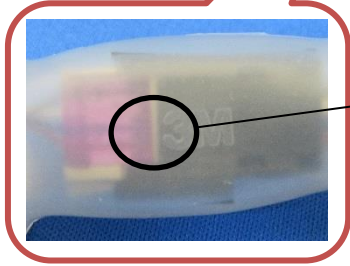
Mate 2 connectors



3M™ Water-Resistant Boot, 378 Series, 37800-P000 Kit

Step 7:

Adjust tube position to place connector at center.

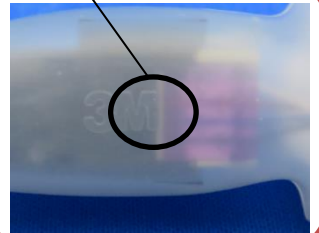


Edge of 3M logo on the tube should be put together with the edge of connector cover (purple in the picture)



3M logo is in the center of tube

Or, decide the position by using rear edge of 3M logo



Can decide the position with socket as well



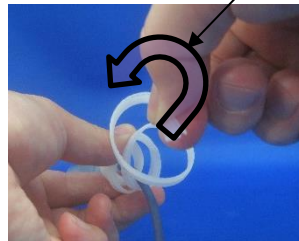
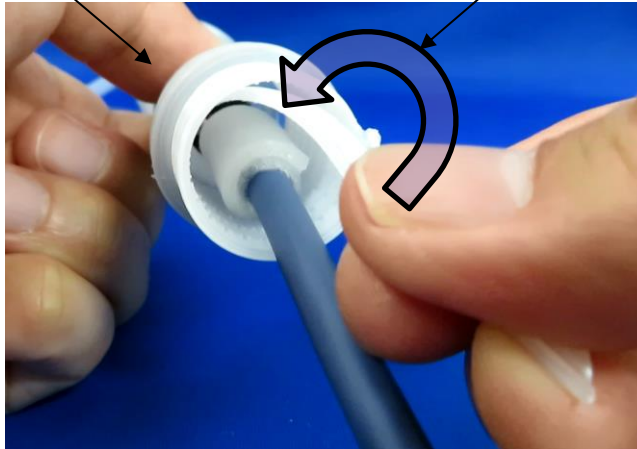
3M™ Water-Resistant Boot, 378 Series, 37800-P000 Kit

Step 8:

Pinch connector and unwind core counterclockwise.

Pinch connectors with finger

Counterclockwise



Counterclockwise

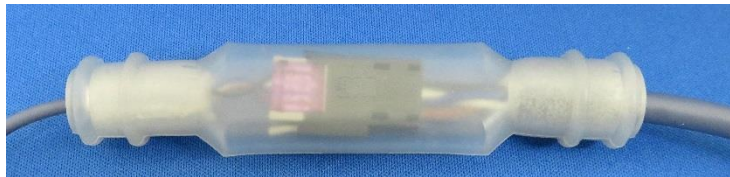
Step 9:

Repeat step 8 for other side.

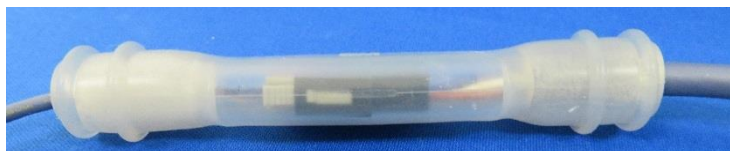
Step 10:

Completed

Top view



Side view

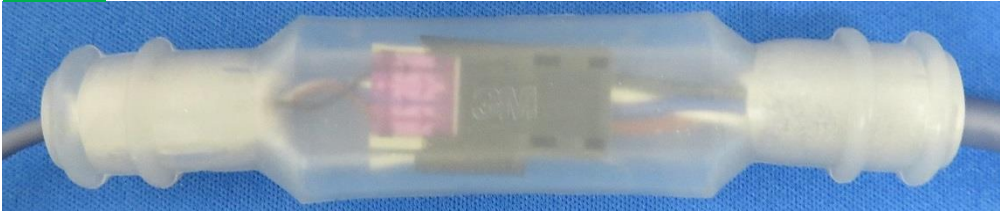


3M™ Water-Resistant Boot, 378 Series, 37800-P000 Kit

Check points after the assembly.

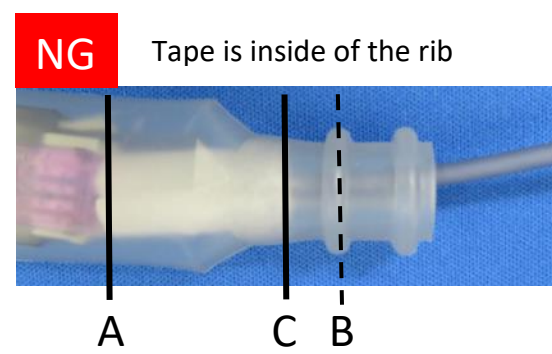
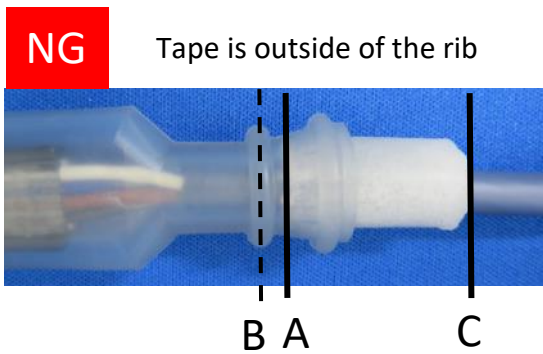
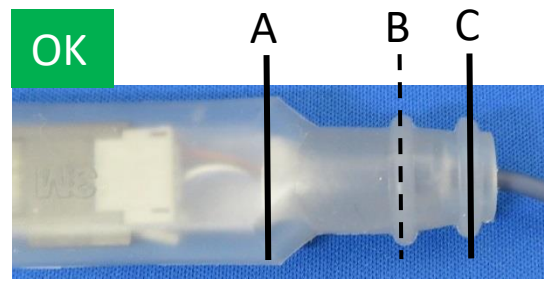
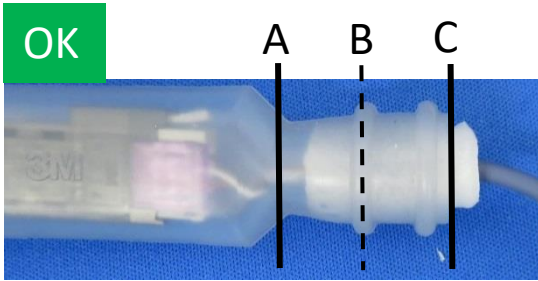
1. Connector mating.

OK Connectors are properly mated



2. Sealing tape position.

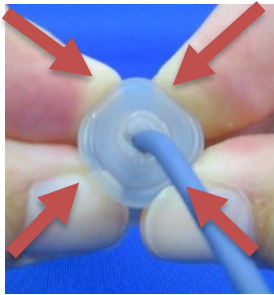
Rib of the tube (shown as B) should overwrap tape position (between A and C)



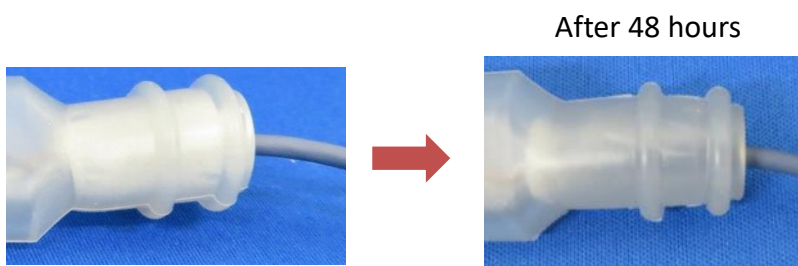
3M™ Water-Resistant Boot, 378 Series, 37800-P000 Kit

Note:

1. Knead the tape area over 15 times to create the IP67 protection.



2. Sealing tape will appear slightly transparent after a while.



3. Retain the round shape when fixing the tube on chassis.



3M™ Water-Resistant Boot, 378 Series, 37800-P000 Kit

Regulatory: For regulatory information about this product, contact your 3M representative.

Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use: Many factors beyond 3M's control and uniquely within user's control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Warranty, Limited Remedy, and Disclaimer: Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OR TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



Electronics Materials Solutions Division
Interconnect Solutions
3M Company
13011 McCallen Pass, Bldg C
Austin, TX 78753-5380
1-800-251-8634 phone
www.3M.com/interconnect

3M is a trademark of 3M Company.
Please recycle.
©3M 2020. All rights reserved.
78-9102-7627-4_A