



Please read all instructions carefully following all precautions and safety instructions

Description and Intended Use:

The Cypress Adaptive check Valve Kit is intended for use solely in lower limb prosthetic fittings. The products must be used with a sealing sleeve to ensure appropriate vacuum is created in the prosthetic socket.

Warnings/ Precautions:

Do not use the product for purposes other than intended use as doing so will void any warranty and render claims against Cypress Adaptive LLC null and void. Failure to follow installation instructions can result in a loss of vacuum suspension and will void any warranty and render all claims against Cypress Adaptive, LLC null and void.

Do NOT expose to substances such as fresh water, salt water, solvents or acids as these substances can cause corrosion of metal parts. Exposure to these substances will void any warranty and render all claims against Cypress Adaptive, LLC null and void.

Parts:

- 1 E-Valve
- 1 Angled Barb Fitting
- 1 Straight Barb Fitting
- 1 Tubing
- 2 Washers

Supplies needed for installation

- Pliers
- #21 drill bit and a 10mm drill bit
- 2 part epoxy adhesive or sealing resin-talcum mixture with 5 min cure time
- Electrical or polyethylene tape
- 10/32 UNF Tap

Installation Procedure

1. After laminating socket using the typical method, drill a 10 mm bore hole into the posterior side of the socket, getting as close to the distal end of the socket as possible and remove any debris or burrs caused by the drilling.
2. Cover hole from the inside with the electrical tape. Fill the hole with lamination resin so that it is air tight. Using the #21 drill bit, drill a hole in the center of the sealing resin that was used to fill the 10mm hole and then use the 10/32 UNF tap to thread the hole. Screw in the barb fitting of choice.
3. Make sure that the thread of the barb is not longer than the thickness of the laminate. If it is, use a washer (s) to make up for extra thickness.
4. Mix the 2 part epoxy adhesive or sealing resin and apply a thin layer to the thread of the barb fitting. Make sure not to let any of the adhesive get into the open end of the barb fitting.
5. Screw the metal barb fitting securely into the hole using the pliers
6. Attach tube to barb fitting
7. Attach the white end of E-Valve to hose.



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