



PRE-INSULATED
PIPE SYSTEM

ECOFLEX® EPDM
RUBBER END CAP

INSTRUCTION SHEET

Ecoflex® EPDM Rubber End Cap Instruction Sheet

Uponor Pre-insulated Pipe Systems feature Ecoflex® EPDM Rubber End Caps. The end caps seal the exposed insulation between the jacket and service pipe when cut to make a connection. Designed for maximum flexibility and durability, the end cap includes an EPDM O-ring and stainless steel clamp for a watertight connection. End caps are required at all ends of the piping system, above or below grade, to ensure insulation integrity.

Tools Required

- Sharp scissors
- Pipe lubricant
- Screwdriver
- Clean rag

Instructions

1. Prepare the pipe end.
 - a. Inspect starting pipe end before final cutting.
 - b. Remove the protective pipe cover to ensure adequate service pipe length and desired size.

Note: Uponor recommends at least 24 inches of extra pipe on each end.

- c. Cut the pipe using a handsaw or similar tool, allowing two extra feet at each end.
- d. Measure 8 inches from the end and cut the outer jacket.
- e. Remove the jacket.
- f. Remove the insulation carefully, using a sharp razor knife.

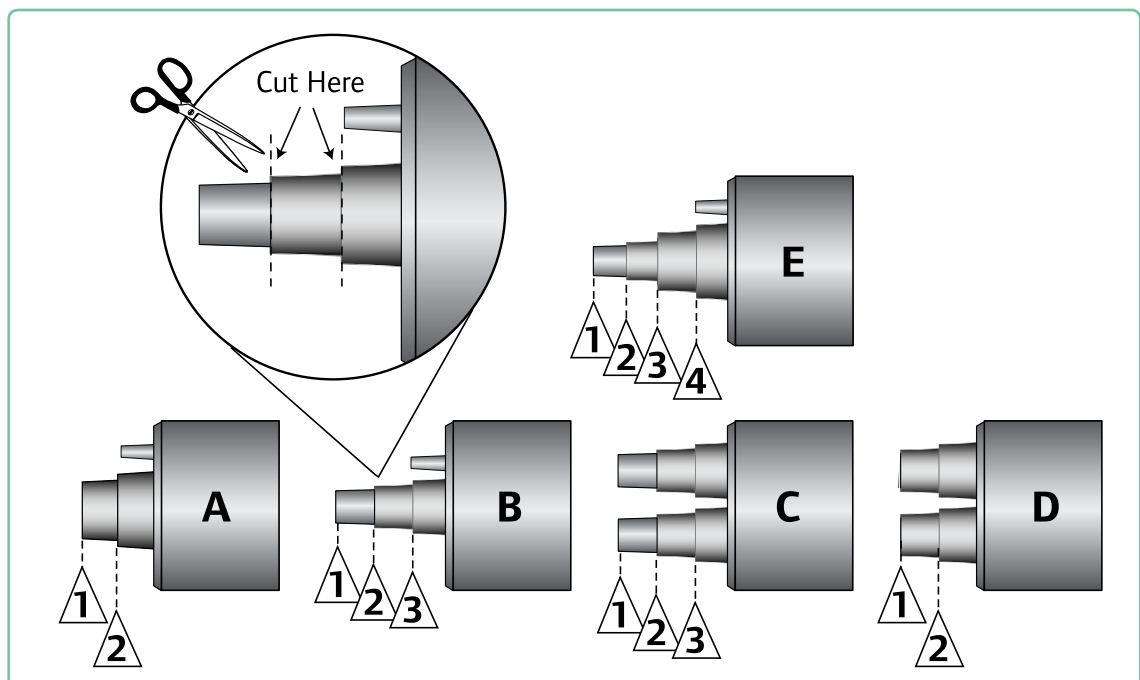
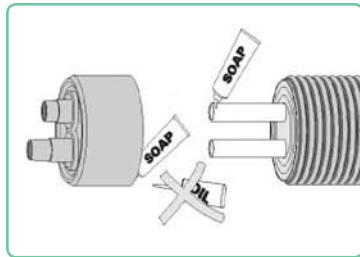


Figure 1: Where to make the cut

Note: If an insulation kit is required, refer to the instructions included with the insulation kit and disregard the following steps.

2. Wipe all dirt and debris from service pipe and jacket with a clean rag.
3. Verify the service pipe size and cut off the unneeded portion of the Rubber End Cap using sharp scissors. Refer to **Table 1** along with **Figure 1** on the front page to identify where to make the cut.
4. Lubricate the service pipe and jacket with soap or similar material, and lubricate the inside of the end cap.

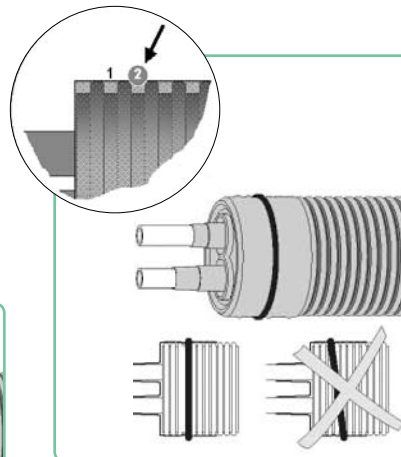
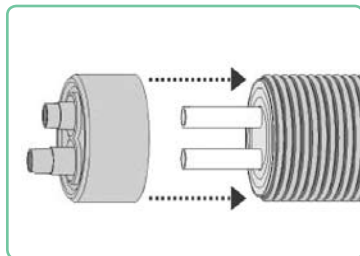


Product Number	Product	Service Pipe	Jacket Diameter	End Cap Product No.	End Cap Style	Cut Location
5015510	Thermal Single	1	5.5	5855513	A	1
5015513	Thermal Single	1¼	5.5	5855513	A	2
5016915	Thermal Single	1½	6.9	5856930	E	1
5016920	Thermal Single	2	6.9	5856930	E	2
5016925	Thermal Single	2½	6.9	5856930	E	3
5017930	Thermal Single	3	7.9	5857940	E	1
5017935	Thermal Single	3½	7.9	5857940	E	2
5017940	Thermal Single	4	7.9	5857940	E	3
5026910	Thermal Twin	1	6.9	5956915	C	1
5026913	Thermal Twin	1¼	6.9	5956915	C	2
5026915	Thermal Twin	1½	6.9	5956915	C	3
5027920	Thermal Twin	2	7.9	5957925	D	1
5027925	Thermal Twin	2½	7.9	5957925	D	2
5112708	Potable HDPE	¾	2.7	5852710	A	1
5112710	Potable HDPE	1	2.7	5852710	A	2
5115513	Potable HDPE	1¼	5.5	5855520	B	1
5115515	Potable HDPE	1½	5.5	5855520	B	2
5115520	Potable HDPE	2	5.5	5855520	B	3
5116930	Potable HDPE	3	6.9	5856930	E	4
5117940	Potable HDPE	4	7.9	5857940	E	4

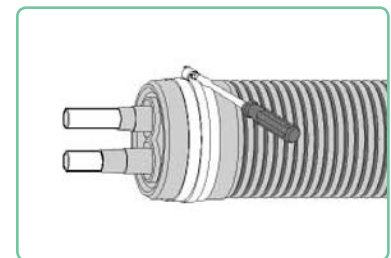
Table 1: Rubber End Cap Cut Location

Caution: Do not use oil-based lubricants.

5. Install Rubber End Cap by pulling the cap over the service pipe and jacket until the end cap base is flush with the end of the jacket material.



6. Install the EPDM O-ring. From the end of the jacket, center the rubber O-ring in the corrugation valley just past the second full corrugation peak.



7. Install the stainless steel strap. Center the stainless steel strap over the center of the O-ring, and tighten using screwdriver until stainless steel shields butt together.

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