

## TROUBLE SHOOTING GUIDE:

PROBLEM	SOLUTION
Bandage hardening before completion of repair.	Reduce application time by wrapping more quickly.
Repair continues to leak.	Repair is not wrapped tightly enough. Remove old application and apply a new application of Quick Seal more tightly and firmly.
Repair weeps or bleeds through weave of fabric.	Repair does not have enough layers of Quick Seal wrap. Remove old application and apply new wrap with a minimum of 15 layers. Do not spread material beyond 1/2 inch of the original width of the wrap size being used. (Example: 2" wide wrap, repair should be no more than 3" wide.)

## WHAT IS QUICK SEAL?

Quick Seal is a fast, easy, durable, and cost effective pipe repair system.

### Benefits:

- Drinking Water Safe
- Easy to Use
- UL Classified
- Quick to Set
- Inexpensive
- Permanent Repair for Water Pipe
- All-in-One Kit

### Features:

- Knitted fiberglass cloth impregnated with water-activated polyurethane resin
- Activates within seconds and hardens within minutes
- Bonds to ALL pipes (PVC, steel, copper, lead, cast iron, etc.)
- Seals cracks, holes, and leaks at T-joints and elbows
- Works on hot and cold water pipes
- Works for refrigerant applications
- Suitable for refrigerant lines
- Chemical resistant
- Not effected by exposure to UV light

**Also available in 4" x 12' size for repairing 1" x 3" pipes. (Part Number 4299-11)**

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(518) Calgon is a licensed trade name.

4299-10



Nu-Calgon

# Quick Seal™

**QUICK-FIX PIPE REPAIR KIT**

*Fast • Easy • Durable • Inexpensive*



**Stops Leaks!**

**Hardens in Minutes**

**Bonds to Any Pipe Material**

**Suitable for Refrigerant Lines**

**Repairs T-Joints & Elbow Joints**

**Safe for Drinking Water**



DRINKING WATER  
SYSTEM COMPONENTS in  
accordance with Standard  
ANSI/NSF 61-1999 93GM

**For Professional Use Only**

**Size: 2" x 4" Wrap - Repairs 1/2" x 1" Diameter Pipe**  
Use Multiple Rolls for Larger Pipes

## DIRECTIONS FOR USE:

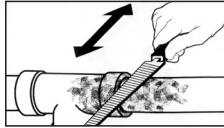
**IMPORTANT: READ ALL DIRECTIONS BEFORE APPLYING THIS PRODUCT.**

**Hardening process begins once foil pouch is opened. Use entire roll for each repair. Larger diameter pipe may require additional rolls.**

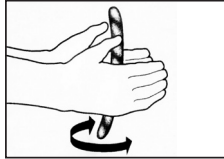
**This product must be used in accordance to the following directions by HVACR professionals only.**

1. Turn off pressure to leaking pipe.

2. Roughen pipe surface using a file for metal pipes and/or sandpaper for PVC pipe. Quick Seal adheres best to rough surfaces.



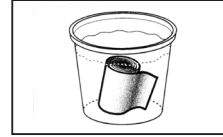
3. Plug the leak with putty. For repairs on refrigerant lines, it is important to use the enclosed putty. Activate the putty by kneading it for two



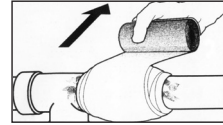
minutes, then plug the leak. Take care to smooth the putty to be as flush as possible with the pipe. For leaks around joints, work the putty into a snake and wrap around the pipe. Again, work the putty into the flush smooth finish. When repairing water lines, the use of the putty is not necessary in most cases.

4. **Put on Quick Seal's exclusive gloves that are provided for the remaining steps.**

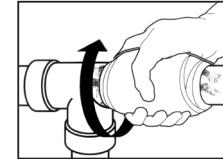
5. Open foil pouch. Dip roll in cool water for 20 seconds, and squeeze 2-3 times to distribute water evenly through roll of wrap.



6. Tightly and quickly apply wrap around pipe over leak, winding the wrap over itself with no more than **1/2 inch** applied to either side or initial wrap width. The completed application must be at least **1/2 inch thick** or **15 layers minimum**.



7. Keeping gloves wet with water, rub foaming resin back and forth into weave of Quick Seal fabric.



8. As resin becomes firm, continue rubbing with a twisting and squeezing motion to smooth the wrap. Always keep gloves wet. Once resin is completely hard, continue squeezing for 1-2 minutes for best results. A slight exotherm (heat) occurs.

9. Allow a minimum 30 minutes to cure. Turn pressure back on to pipe.

If misapplied, Quick Seal can be removed with saw or shears. Use isopropyl alcohol or acetone to remove resin from skin or clothes.

## SHELF LIFE:

Two years when stored between 40°-83°F and aluminum packet is not punctured. Storage at higher than recommended temperatures will reduce shelf life.

## CAUTIONS:

Heat is generated as the product hardens. Uncured polyurethane resin may cause skin irritation. Avoid eye and skin contact. Enclosed gloves are intended for use with repair wrap only.

Use product only as directed. Nu-Calgon is not responsible for misuse of this product or any use other than its stated purpose. Nu-Calgon will not be liable for consequential or incidental loss or damages of any kind resulting from the use of the product.