



**Corporate Office:**  
The Trenton Corporation  
7700 Jackson Rd.  
Ann Arbor, MI 48103  
734/424-3600  
Fax: 734/426-5882

**Houston Div./Export Office:**  
1880 S. Dairy Ashford Rd.  
Suite 697  
Houston, TX 77077  
281/556-1000  
Fax: 281/556-1122

## Seal-Wrap™ End Seal

For replacement or repair of casing end seals that are damaged and for new construction. Seal-Wrap is a simple, efficient method of sealing casing ends.



### Description:

Seal-Wrap is a casing end-seal wrapper consisting of a heavy woven glass coated with a butyl mastic of high dielectric quality wrapped around the end of the casing and on the carrier pipe. It is then strapped in place with stainless steel banding.

### Use:

The Seal-Wrap system was designed by The Trenton Corporation to enable field personnel to readily replace existing “rubber-boot” type end seals that are damaged prior to installation of casing filler. Seal-Wrap can also be used to reinforce existing “boot” or “compression” type seals. This system also has advantages for new construction applications. Seal-Wrap is a simple, efficient method of sealing the annular space between pipe and casing that does not necessitate absolute centering of the pipe in the casing.

### Application Procedures:

1. With a wire brush, clean the pipe and casing ends to remove loose rust, coating, and dirt; dry off all surfaces.
2. Brush primer on all metal surfaces to be covered with Seal-Wrap. Let dry until tacky.
3. Place one layer of double-faced adhesive approximately 6" in from the end of the casing and 6" from the end of the casing on the carrier pipe. This is the area where the banding will be applied.
4. Apply one wrap of Seal-Wrap around the carrier and casing end. Remove the paper backing from the material as you apply the wrap. Allow a 6" overlap.
5. Band securely in place, using one band and two buckles on both casing and carrier in the middle of the double-faced adhesive strips.
6. Cover buckles with small squares of double-faced adhesive.
7. Apply a continuous double wrap over the first wrap, making sure to start the second wrap in a different position on the pipe than the first wrap.
8. Place two bands on the carrier, and two bands on the casing, on either side of the first bands.
9. Tighten all bands into place, so they seat into the double-faced adhesive.
10. Let the seal cure overnight.
11. Apply 5 psi into the top vent, check for a strong airflow out the lower end vent. This confirms there are no restrictions between vents.
12. Then plug off the lower end vent and pressure casing to 5 psi and monitor for 15 minutes. If the air pressure holds, the casing is prepared.
13. If the casing is to be filled, it is highly recommended that the ends are backfilled; this will help support the seals and stop any minor leaks.

## Advantages:

- Carrier does not have to be centered in the casing.
- Covers any size casing up to 42".
- Ideal for preparation of casing for filling.
- Can be installed on existing pipe.

## Specifications:

### Seal-Wrap Wrapper

Composition ..... Fiberglass fabric coated with butyl mastic

Thickness ..... 40-60 mils

Dielectric Strength ..... 300 volts/mil

Water Absorption ..... .03%

### Seal-Wrap Primer

Quick-drying butyl mastic primer

### Double-Faced Adhesive

Composition ..... Butyl and synthetic resin

Dielectric Strength ..... 300 volts/mil

### Seal-Wrap Material Requirements for One Casing End:

Casing Diameter	Double-Faced Adhesive (Feet)	Primer (Square Feet of Coverage)	Seal-Wrap Wrapper (Feet)	Stainless Steel Band (Feet)
4"	2	2	5	8
6"	4	3	6	11
8"	5	4	8	14
10"	6	5	9	17
12"	7	6	11	20
14"	8	7	12	23
16"	9	8	14	27
18"	10	9	16	30
20"	11	10	17	33
22"	12	11	19	36
24"	13	12	20	39
26"	14	13	22	42
30"	16	16	25	49
34"	18	18	28	55
36"	19	19	30	58
40"	21	21	33	64
42"	22	22	34	67

12 buckles required per end

## Packaging:

**Seal-Wrap:** 24" wide x 36' long

**Seal-Wrap Primer:** ½ gallon cans.

Approximate coverage 100 sq.ft. per ½ gallon

**Double-Faced Adhesive:** 6" x 50' rolls

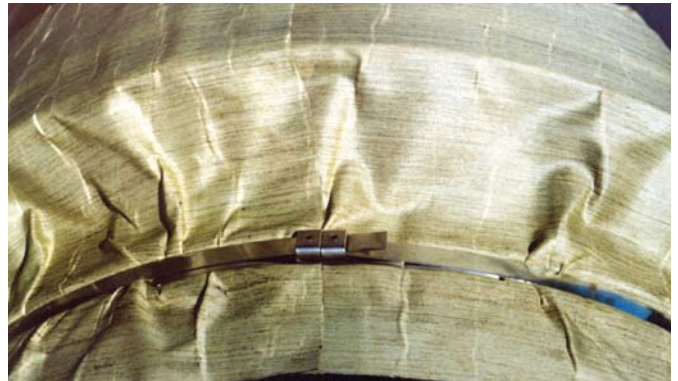
**Banding Equipment:** ¾" stainless steel band (100 ft./roll), ¾" screw-lock buckles (25/box), and Banding Tool



Doublefaced adhesive applied to pipe and casing.



Metal surfaces primed and one wrap of Seal-Wrap applied.



First wrap of Seal-Wrap secured with one band on carrier pipe and one band on casing.



Two additional wraps of Seal-Wrap secured with two bands completes installation on small and large diameter pipes.