

Typical Specification

1.0 Scope

Apply **Adaptor Seal Primerless Barrel-Wrap** on exterior concrete manholes or other structures at locations indicated by the Engineer to protect manhole and mitigate infiltration/exfiltration of water and other contaminants.

Barrel-Wrap shall be applied over a dust-free, dry concrete surface.

2.0 Tape - Woven Polypropylene Membrane with Elastomeric Adhesive

The pressure applied **Barrel-Wrap** shall consist of a 4 inch, 6 inch or 12 inch wide wrap-around tape system 65 mils. thick with a 15 mil. membrane and 50 mils. of integrated primer and elastomeric adhesive. Peel strength shall be a minimum of 12.5 lb./in., per ASTM D 1000. Tensile strength shall be 75 lbs/inch width. Mastic softening point shall meet or exceed 240 degrees F +/- 10 % in accordance with ASTM E-28. Water Absorption shall be less than .5% per ASTM D 570.

Applications

- Manhole Encapsulation/Sealing
- Pipelines
- Repair and Rehabilitation
- Setup-Down Joints
- Square/Rectangular Vaults
- Septic Tanks/Vaults
- Provides Corrosion Protection

3.0 Warranty

All products are warranted against failure caused by manufacturing defects for a period of one year. Any product found to be so defective and returned within one year from date of shipment will be replaced without charge. The above warranty is made in lieu of, and we disclaim, any and all other warranties, expressed or implied, including the warranties of merchantability and fitness for a particular purpose, and buyer agrees to accept the products without any such warranties. We hereby disclaim any obligation or liability for consequential damages, labor costs or any other claims or liabilities of any kind whatsoever.

Adaptor Seal Barrel-Wrap Properties

SPECIFICATION	ASTM TEST	TEST RESULTS
<u>ADHESIVE</u>		
Softening Point	ASTM E-28	116° C., 240° F.
Dielectric Strength	ASTM D-1000	350 volts/mil.
<u>TAPE</u>		
Tensile Strength	ASTM D-1000	75 lbs./inch width
Elongation	ASTM D-1000	40%
Puncture Resistance	ASTM E 164	200 lbs.
Water Absorption	ASTM D-570	0.05%
Penetration Resistance	ASTM G-9	Pass
Fungal Resistance	ASTM G-21	Growth-None

