

WrapidSeal™

Manhole Encapsulation System

Canusa-CPS is a leading manufacturer of specialty pipeline coatings which, for over 30 years, have been used for sealing and corrosion protection of pipeline joints and other substrates. Canusa high performance products are manufactured to the highest quality standards and are available in a number of configurations to accommodate your specific project applications.

Product Description

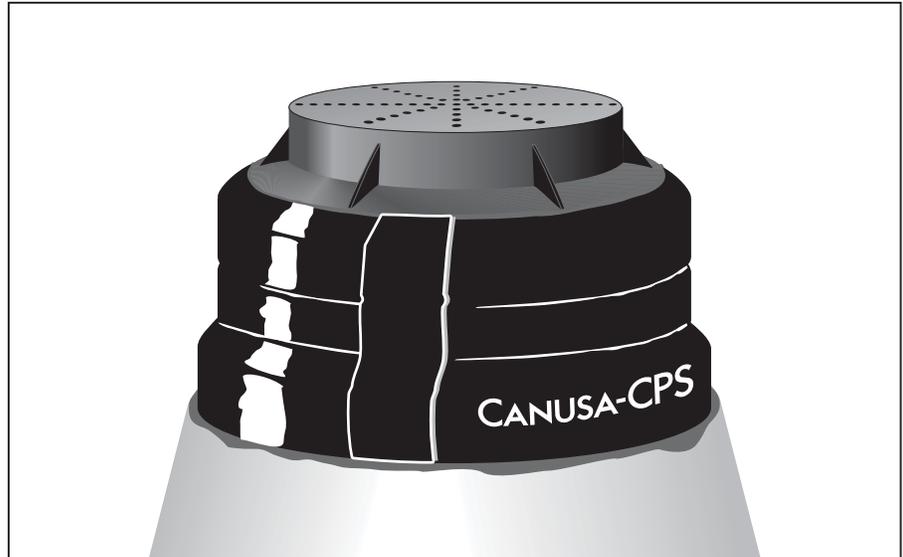
WrapidSeal™ is a wrap around heat shrinkable sheet that has been specifically designed for protection of buried and exposed manhole structures. WrapidSeal™ is supplied in bulk rolls of varying widths and consists of a crosslinked polyolefin backing, coated with a protective heat activated adhesive. A separate closure is used to create a complete sleeve with the adhesive effectively bonding to the substrate, providing corrosion protection and adhesion for the impermeable backing.

Features & Benefits

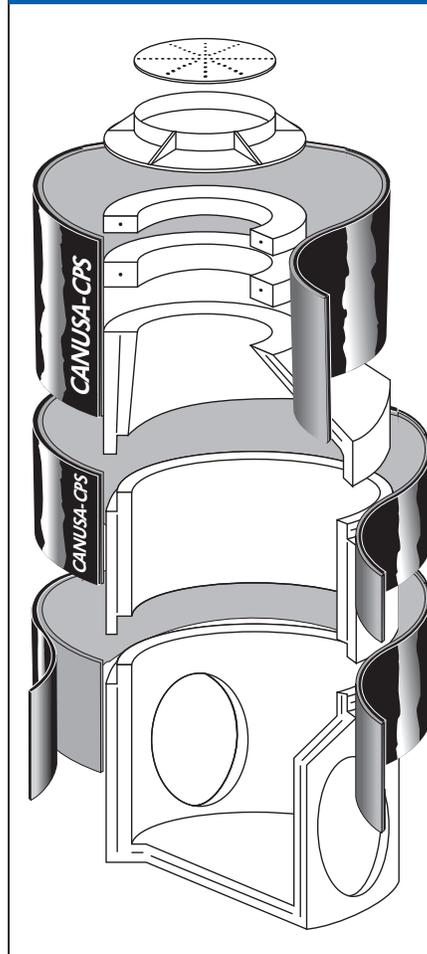
- Heat activated, high shrink membrane
Torch applied, shrinks to fit profile.
- High tensile & elongation
Accommodates movement
- Excellent abrasion resistance
Tough product, resists soil stress
- Bulk roll
Fits any size manhole
- Complete coverage
Reduces ground water infiltration.
- Provides corrosion protection
Extends service life.

Long Term Protection

Once installed, the system creates a barrier to water infiltration and effectively protects the manhole support structure and frame from ground moisture, preventing corrosion and freeze-thaw damage. In below grade vaults or concrete lines, WrapidSeal™ is used to minimize water infiltration, reducing dewatering costs and loads on waste water treatment facilities.



Applications



Applications

-  Manhole Encapsulation
-  Water Pipelines
-  Repair & Rehab
-  Step-Down Joints

Configurations

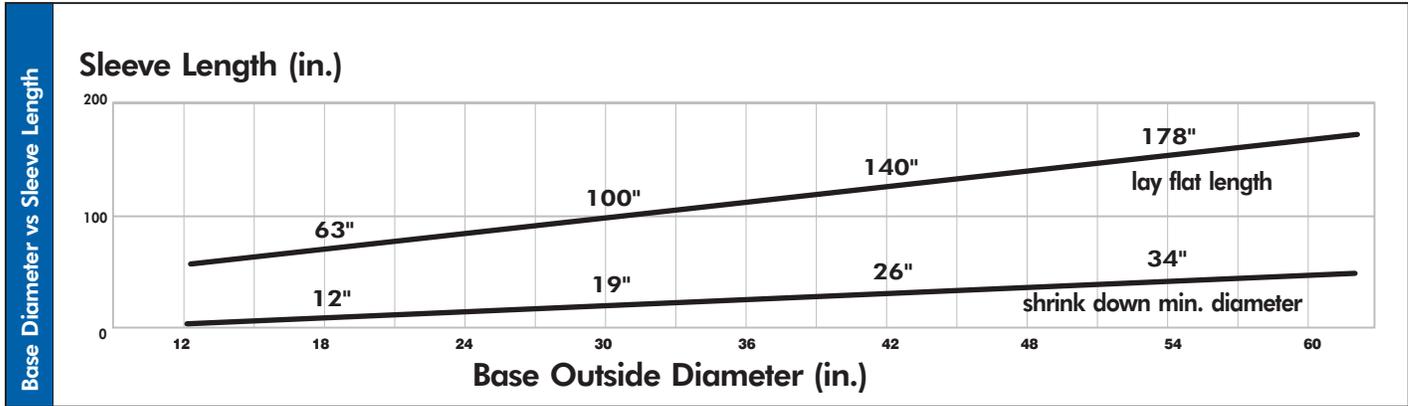
-  High Shrink
-  Multi-Sleeve Kit

Pipe Sizes

-  300-1500+ (12-60''+)

Material Requirements

Size the sleeve such that it wraps around the perimeter of the manhole base plus 150mm (6") overlap. See the table below for length of WrapidSeal™ required.



Typical Product Properties

| | Test Standard | Unit | Results |
|-----------------|-----------------------|-------------|-------------------------|
| Adhesive | Softening Point | ASTM E28 | °C (°F) |
| | Lap Shear Strength | DIN 30 672 | N/cm ² (psi) |
| Backing | Tensile Strength | ASTM D638 | MPa (psi) |
| | Elongation | ASTM D638 | % |
| | Hardness | ASTM D2240 | Shore D |
| | Abrasion Resistance | ASTM D1044 | mg |
| Sleeve | Peel Strength | ASTM D1000 | N/cm (pli) |
| | Water Absorption | ASTM D570 | % |
| | Low Temp. Flexibility | ASTM D2671D | °C (°F) |

Ordering Information & Product Dimensions

WrapidSeal™ is supplied in 12" or 18" widths in 50' long bulk rolls. Closure seals and primer are ordered separately.

Specify the width of WrapidSeal™ required and the number or length and size of closure seals.

Distribution

Master Distributor in the United States:
CCI Pipeline Services
 Houston, Texas
 www.WrapidSeal.com
 e-mail: sales@wrapidseal.com
 tel: (281) 350-2100

Applications

| | | |
|-----------------------------|---|--|
| Below or Above Grade | <ul style="list-style-type: none"> Prevents Water Infiltration Accommodates Ground Movement Protects Against Degradation | <p>Cast Iron Frame & Cover</p> <p>Grade Rings</p> <p>Cone Section</p> |
| | <ul style="list-style-type: none"> Prevents Water Infiltration Resists Soil Stress | <p>Pre-Cast Riser</p> <p>Pre-Cast Base</p> <p>Sewer Line</p> |



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