



**Comprehensive inflow/
infiltration solutions for manholes and
pipes that get the job done right!**

The Leaders in Manhole and Pipe Sealing Solutions

THE PROBLEM

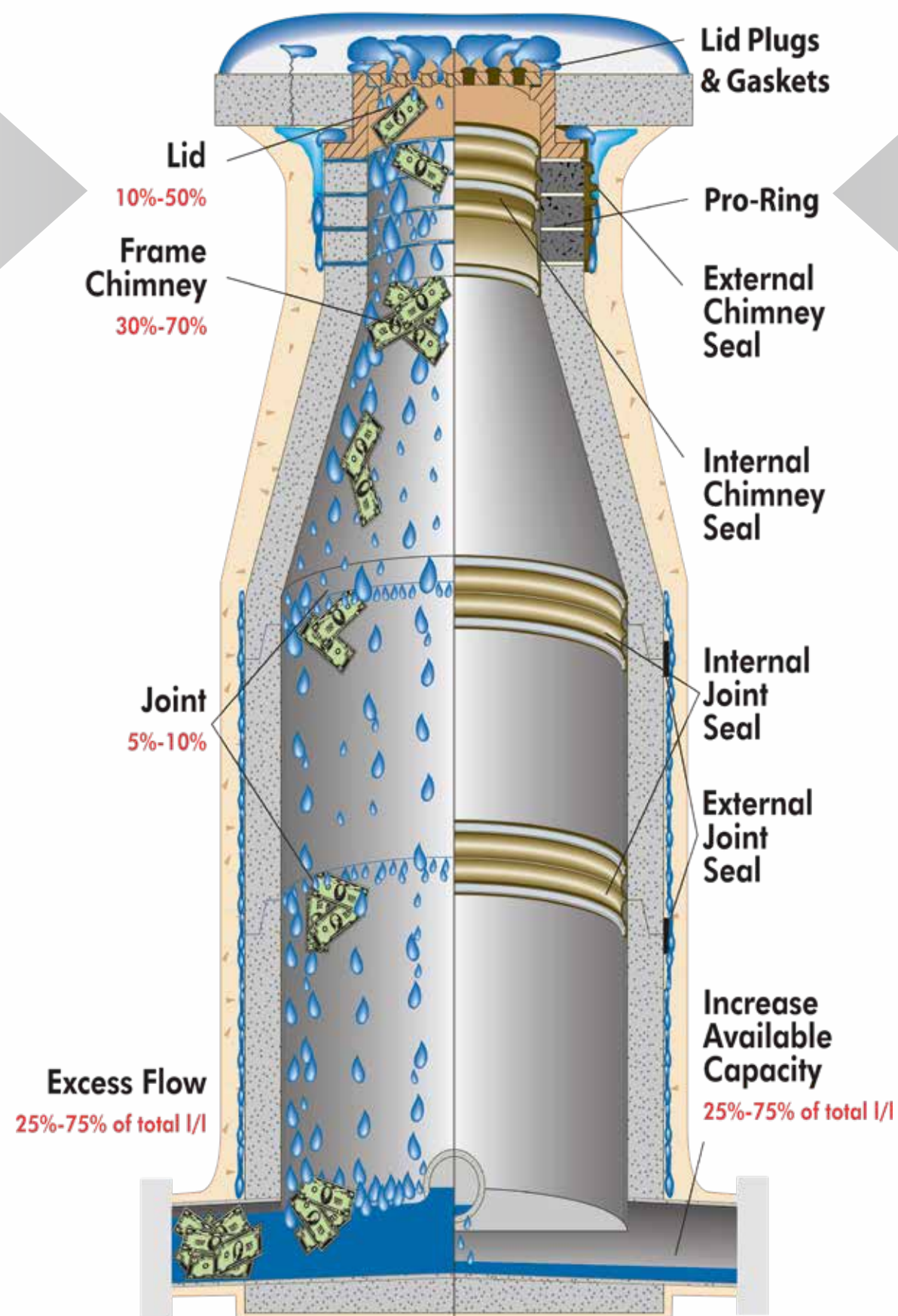
- Leaking Lid
- Leaking Frame & Chimney
- Structure loss in Chimney
- Leaking Barrel Joints
- Leaking Pipe Joints

THE CRETEX ADVANTAGE

- **Pioneers of technology in manhole sealing solutions**
We are the leaders, the pioneers, and developers of the largest line of products for all your manhole sealing solutions.
- **40 years in the industry**
We have been around for a long time, seen the gamut of problems, and never failed to find the right solution.
- **Satisfaction Guaranteed**
OK. We know you have heard that before, but we mean it and back our products up with a 25 and 50 year warranty.



- **Vast and experienced support team**
Your Cretex support team and representatives are like you in the field, on the worksite and know how to get your job done right.



THE CRETEX SOLUTION

- Internal Chimney Seals
- External Chimney Seals
- PRO-RING
- Internal Joint Seals
- External Joint Wrap
- Lid Plugs
- Inflow dishes
- Lid gaskets

Did you know that mechanical seals cost the same as applied seals but last 3.5 times longer?

The American Society of Civil Engineers (ASCE) reported a mechanical seal and an applied seal cost about the same, but mechanical manhole frame-chimney seals will last 3.5 times longer.* Contact a Cretex representative to learn more about the LSS Internal Chimney Seal advantages for new construction and rehabilitation projects.



* Data provided by the ASCE Manuals and Reports on Engineering Practice No. 92, "Manhole Inspection and Rehabilitation", 2008 Update.





FASTER-SAFER-LIGHTER

Over 250 million impacts and zero inflow equals a positive impact on your bottom line with PRO-RING™, the most advanced concrete alternative manhole grade adjustment system available today. Installed on tens of thousands of manholes and catch basins throughout the U.S. and Canada, these lightweight rings are renowned for their exceptional strength-to-weight ratio, durability, chemical resistance and long service life under the most demanding conditions.

PRO-RING™ is the only manhole grade adjustment system made from Expanded Polypropylene (EPP). PRO-RING™ products provide a proven alternative to concrete grade or adjustment rings and is the most advanced concrete-ring alternative manhole grade-adjustment system available anywhere. The material is known for its ability to stand up to the harshest of conditions without damage or deformity for many years.

TRAFFIC RATED

PRO-RING™ was tough enough in round and is also available in square and rectangular shapes in a variety of heights, including sloped for the perfect adjustment every time. Patterned after the company's proven circular PRO-RING™ manhole grade adjustment system, the square and rectangular systems continue to offer a lightweight alternative to typical concrete and mortar methods designed to stop storm basin and curb inlet deterioration.

PRO-RING Advantage

- Made from expanded polypropylene (EPP) for a high strength-to-weight ratio.
- Lightweight and easy to handle for a more efficient installation.
- Corrosion and chemical resistant.
- No mortar or grout required for installation.
- Traffic-rated for HS-20 and HS-25 loads.
- Long 50-year projected design life.
- More cost-effective than traditional masonry adjustment methods.

STOP THE INFLOW

More range of coverage to stop the flow with Cretex's newest line of mechanical seals. The LSS Manhole Chimney Seal rubber sleeve is available in four widths to span up to 24 vertical inches of chimney without using extensions.

The flexible rubber sleeve is extruded or molded from a high grade rubber which:

- Conforms to the applicable material requirements of ASTM C-923.
- Minimum thickness of .130 inches for durability and resistance to tearing and puncturing.
- One size to fit a frame/chimney diameter differential of up to 20 percent.

LSS Internal Chimney Seals Advantage

- Lower cost.
- Easier installation.
- More range of chimney height coverage.
- Provides flexible, watertight seal.
- Mechanical seal, does not rely on chemical bond.

SEAL IT SUCCESSFULLY

Get the best performance and save labor costs over the long haul with Cretex's External X-85 Chimney Seals. This high-performance watertight seal is used between the manhole casting and top of the concrete cone. Cretex's state-of-the art technology combines all of the advantages of a mechanical seal in a more economical, easy to use option. Our high-performance seal requires no primers, torches or special tools to create a watertight barrier. The securing bands add additional compression to the sealing fins, instantly filling any minor voids or irregularities.

Cretex X-85 External Chimney Seal Advantage

- Provides flexible, watertight seal.
- Easy installation.
- Can span up to 12 inches of adjustment without an extension.
- Can accommodate offsets and diameter differentials.
- Can be used for both above and below grade applications.

INSTALLATION VIDEO



INSTALLATION VIDEO



INSTALLATION VIDEO



INTERNAL JOINT SEALS



50
year
WARRANTY

WATER TIGHT DONE RIGHT

Stop ground-water infiltration and increase water treatment capacity in manholes and pipe with Cretex's Internal Joint Seals. These internal joint seals provide a compression seal that is watertight.

The Internal Joint Seals are watertight compression seals that reduce groundwater infiltration, increasing wastewater treatment capacity in the collection system. Made of 7.5 inch high quality rubber, Internal Joint Seals meet or exceed the physical requirements of ASTM C-923. The stainless steel expansion band meets or exceeds ASTM A-240, Type 304 standards. Designed for new or existing installations, excavation is not necessary for use.

Cretex Internal Joint Seals Advantage

- Provides watertightness and movement flexibility.
- Reduces excess clear water in sanitary sewer systems.
- Easily installed mechanically to the inside of existing manholes and pipe.
- Mechanical seal, does not rely on chemical bond.
- Reusable.

EXTERNAL JOINT WRAP



25
year
WARRANTY

SEAL IT AND FORGET ABOUT IT

Cretex External Joint Wrap provides a permanent, external seal against infiltration. Cretex External Joint Wrap is so versatile that they can be used on manholes, round pipe, elliptical pipe, oval pipe, arched pipe, tongue and groove joints, and bell and spigot joints. In addition, our Cretex Wrap can be used with or without other jointing materials, on wet or dry surfaces, in fact, most any joint type can be sealed.

Cretex Wrap Advantage

- Provides flexible watertight barrier.
- Comes completely ready for installation.
- Is permanent.
- Passes test ASTM C 1244 vacuum test.
- Exceeds ASTM C 877 type II.
- Positive seal with steel straps.
- Custom fit full perimeter seal.
- Available with self contained ratchets, which eliminates the need for special tools.
- No need to field cut.
- No need for messy primers or open flames.

OTHER PRODUCTS



SIMPLE SOLUTIONS INCREDIBLE RESULTS

STOP unwanted water inflow into your new or rehabilitated sanitary system through manholes with Cretex's Inflow Dish—a simple and inexpensive solution, the ultimate inflow protector.

Cretex Inflow Dish Advantage

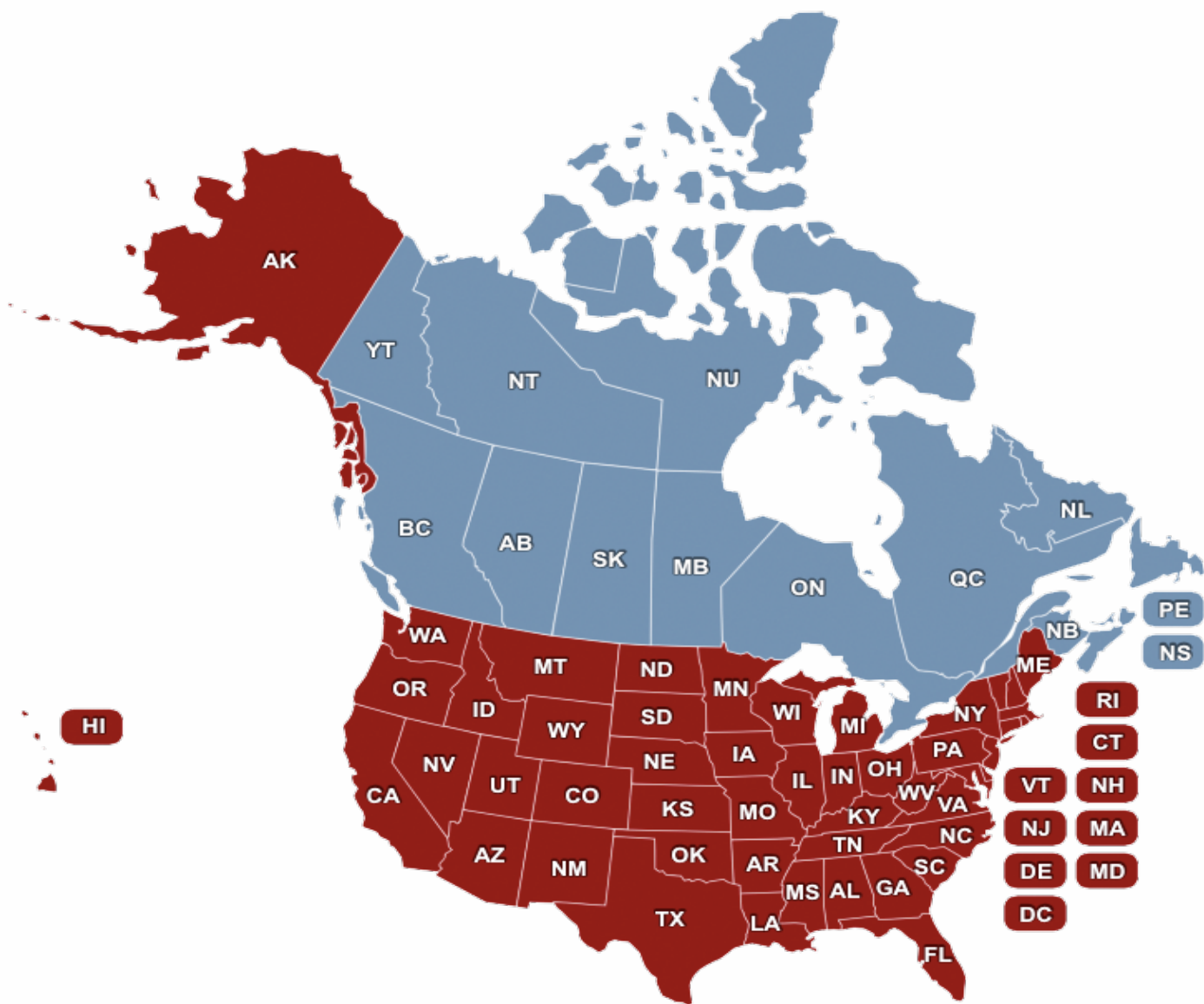
- No special tools are required.
- Dramatically reduces sewage treatment costs.
- No corrosive parts.
- Easy to install and remove.
- No maintenance and no inspection required once installed.
- Low cost.
- Cost-effective alternative to replacing existing manhole covers with water-tight covers.
- Controls sewer odors in residential areas.
- Optional gaskets and gas relief valve available.

STOP INFLOW EASILY AND ECONOMICALLY

Manhole Lid Plugs and Lid Gaskets stop inflow through manhole lids by sealing unneeded holes with high quality lid plugs. Lid gaskets offers a low maintenance option for sealing existing manhole lids. Lid Plugs can be removed with pliers for lid removal or to check interior air quality.

Lid Sealing Advantage

- Removable plugs fit various sizes of round holes.
- Manhole lid gaskets stop inflow around the manhole lid with this high quality rubber lid gasket and eliminate lid rattle as well.



Visit www.cretexseals.com for your local US or Canada representative.

VISIT OUR WEBSITE



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