

HDPE Recycled Plastic Manhole Adjusting Rings

Engineered
Tested
Proven
Quality



Lightweight

When working with sewer systems, "lightweight" is rarely a word that comes to mind. But with the **Ladtech® Adjusting Rings** and their polyethylene structure it becomes an enormous advantage over concrete.

Ladtech's lightweight adjusting rings are manufactured from **100% polyethylene recycled plastic**. This makes them easy to lift, transport and place. In return, they also reduce on-the-job injury, lower installation costs and promote high production rates. Improve your infrastructure by using the rings that are made from everyday post-consumer plastic waste products.

- ⊗ Available in several diameter & heights
- ⊗ Heavy handling equipment not required
- ⊗ Faster job completion
- ⊗ Saves city/county and state life cycle costs

Ladtech® Inc. Guarantee

Using the **Ladtech® Adjusting Rings** adds to the durability of any manhole system – A system that's designed to last beyond the *NEXT* millennium!

Ladtech® guarantees a full ten year replacement warranty, that any damage to the **Ladtech® Rings** will be replaced at no charge. If a manufacturing defect occurs within the first five years, **Ladtech®** will dig up and replace the faulty product.



LADTECH INC.

Ladtech® Inc. has revolutionized the manhole industry by reinventing the manhole adjusting ring. We have simply replaced the old concrete & mortar and brick & mortar system with the high strength HDPE adjusting ring that resists breakage, is compressive and impact resistant, and non-corrosive.

The **Ladtech® Adjusting Rings** provide a sealed system that will stand the test of time. Check and see for yourself! Our product is already being used in numerous national and international infrastructures with very positive results!



Easily
adjusts to

Any grade &
slope

**The biggest risk is to do
nothing at all!**

As a **Contractor** or the **Designing Engineer**, this is what I can expect from the **Ladtech® HDPE Adjusting Ring**



Mortarless System

Eliminate the mixing of mortar! Reduce your overhead and increase your margins! Simply apply an approved (ASTM C-990 and AASHTO M-198) butyl rubber sealant between the Adjusting Rings. The self aligning, easy to install design of the **Ladtech® Rings** assure a quality assembly with no need for rework. Also, there is no mortar required to match grade angles. The specific installation procedures will prevent infiltration and inflow.

- ☼ Ease of installation
- ☼ Eliminate the mixing of mortar
- ☼ Broken and wasted rings are a concern of the past



Try our HDPE Rings on your next project!



Engineered

The **Ladtech® HDPE Adjusting Rings** are designed, manufactured and tested to withstand high load capacity in excess of **AASHTO's HS 25 specs.** Also manufactured to establish material, quality, and performance assurance (ASTM 4976).

- ☼ "Specifiable" and "Inspectable"
- ☼ HDPE adjusting rings are impervious to the corrosive effects due to sulfuric acid that is created from hydrogen sulfide gases and moisture common to sanitary sewers.
- ☼ UV and heat-resistant, performance is not compromised when exposed to sun or hot asphalt.

Our specific installation procedures using butyl rubber material as a sealant will produce a positive watertight assembly, virtually eliminating the need for rework. This allows Specifying Engineers a way to control assembly and installation.



Cost Effective

While basics of the sewer industry have slowly changed over the years, one product has changed dramatically. **Ladtech® Inc.** has found an innovative way to save city/county & contractors' **life cycle costs** and lower production & overhead costs. While conventional concrete rings weigh about 85 lbs, the **Ladtech® Rings** are extremely light weight, approximately 6 lbs, making them durable and quick and easy to install. It takes 50 recycled milk jugs and detergent bottles to make a single 27 inch plastic sewer ring that can easily be handled by one person.

- ☼ Installed costs are an advantage over concrete & mortar or brick & mortar
- ☼ Contractors can define & control cost
- ☼ Recyclable if product becomes unusable for any reason

Utilize an environmentally friendly product and improve your infrastructure at the same time!



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