



Greetings from Tulsa, Oklahoma, the home of the PE Pipe Alliance. We have many news items to share with you for 2018, but the BIG news is that we are now offering online PDH credits. So if you need CEU's or PDH's, you can now find good, educational content from the Alliance for you and your team at the online Roadshow tab. Just [Click Here](#). Read on and then practice sustainable and resilient practices by using HDPE pipe. This HDPE Pipeline is unique in that it offers several different "Did you know" shorts describing little known and instructive facts about HDPE pipe and its use.



*Executive Director Peter Dyke claims his ball broke the pvc main, but the groundskeeper says otherwise. According to him, the other plastic pipe is less than twenty years old and fails regularly.*

#### Any golfers out there? Augusta

National uses HDPE pipe. The golf course which is home to the Masters golf tournament played last week is slowly converting their system from traditional piping systems to HDPE. Why, because it does not leak, it does not break and they can count on it when it matters.



*At a Total Solutions Roadshow in February, members of the Augusta National grounds crew were seen learning about how to install HDPE pipe.*

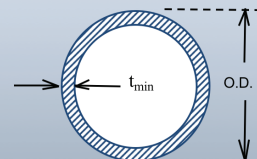
**Any beer drinkers out there?** There is actually a "beer main" in Bruges, Belgium. According to many sources the De Halve Maan brewery connected their brewing operation to their bottling plant with a 2 mile 12" HDPE pipeline. The so called "beer main" cut down on truck traffic and reduces production costs for the brewery while preserving every drop and all of the flavor along the way. I wonder if any trained HDPE folk have tapped the line yet? [Click here](#) »

**Any iPhone users out there?** Apple Park – the new Apple campus in Cupertino, CA used HDPE pipe for their gas, water and wastewater lines. Why, because HDPE is sustainable, resilient and lasts as long as the buildings they put up in Silicon Valley. [Read here](#) »

## Technical Note: What is DR and Why Does it Matter?

### Dimension Ratio

$$DR = \frac{OD}{t_{MIN}}$$



DR 11 is rated for 200 psi working pressure  
DR 17 is rated for 125 psi working pressure

Simply, the outer diameter of the pipe divided by the wall thickness (minimum wall). The lower the DR number the more pressure the pipe will take as part of its designed working pressure. DR11 (PC 200) is commonly used for water and DR 17 is commonly used for wastewater applications. A DR 11 pipe is also commonly used for complex drilling applications.

## HDPE Quick Links

- » [Who We Are](#)
- » [PePipe Offerings](#)
- » [Our Website](#)

## Alliance Contact

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**Any college educated folks out there?** Universities are well into the HDPE game. Chilled water is an example of how universities are moving into HDPE as well. University of Texas at Austin transports chilled water via HDPE pipes. Tired of losing temperature to metal pipes and breaks in the middle of the night, HDPE presents a common sense, responsible approach to chilled water and raised temperature applications. [Read here »](#)

**Anyone feel earthquakes out there?** The Water Research Foundation says HDPE pipe is a resilient pipe. Don't think any other plastic pipes can say that. If it can handle an earthquake, it can handle freeze thaw, drought induced soil constriction and Oklahoma earthquakes! HDPE is the resilient pipe and performs brilliantly where ground movement is a regular or occasional occurrence. [Read the report here »](#)

**City of Livonia:** Situated between Detroit and Flint, Livonia is an HDPE only city that discovered the benefits of HDPE about twelve years ago. Their capital plan puts in between one and four miles of HDPE each year depending upon funding. Many Michigan cities are also following suit as older systems are failing at an alarming rate.



**Todd Zilincik**  
 City Engineer, City of Livonia  
*Chief Engineer Todd Zilincik talks why he chose HDPE pipe.*

[Watch and listen here »](#)

## Post Event Package

The Alliance maintains a lost list of items we send to engineers and others who have a specific interest. Answering these questions with technical documents explains the science and practice behind design of and field use of HDPE pipe, fittings and equipment. Just ask.

## Upcoming Alliance Events

**4/17/18**

Northern Virginia • Prince William County

**4/24-26/18**

Texas Water Show • San Antonio, Texas

**5/1/18**

New Jersey Water Assc. • Randolph, NJ

**5/2/18**

New Jersey Water Assc. • Hightstown, NJ

**5/3/18**

New Jersey Water Assc. • Brooklawn, NJ

**5/8/18**

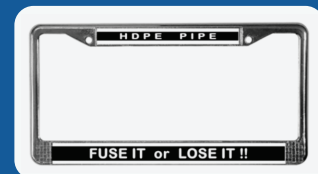
New York State • Sarasota Springs, NY

**5/10/18**

New York State • White Plains, NY

[More Details Here »](#)

**Fuse It or Lose It Line of Products** are available on our website. Industry interest is growing for this hot selling license plate frame.



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