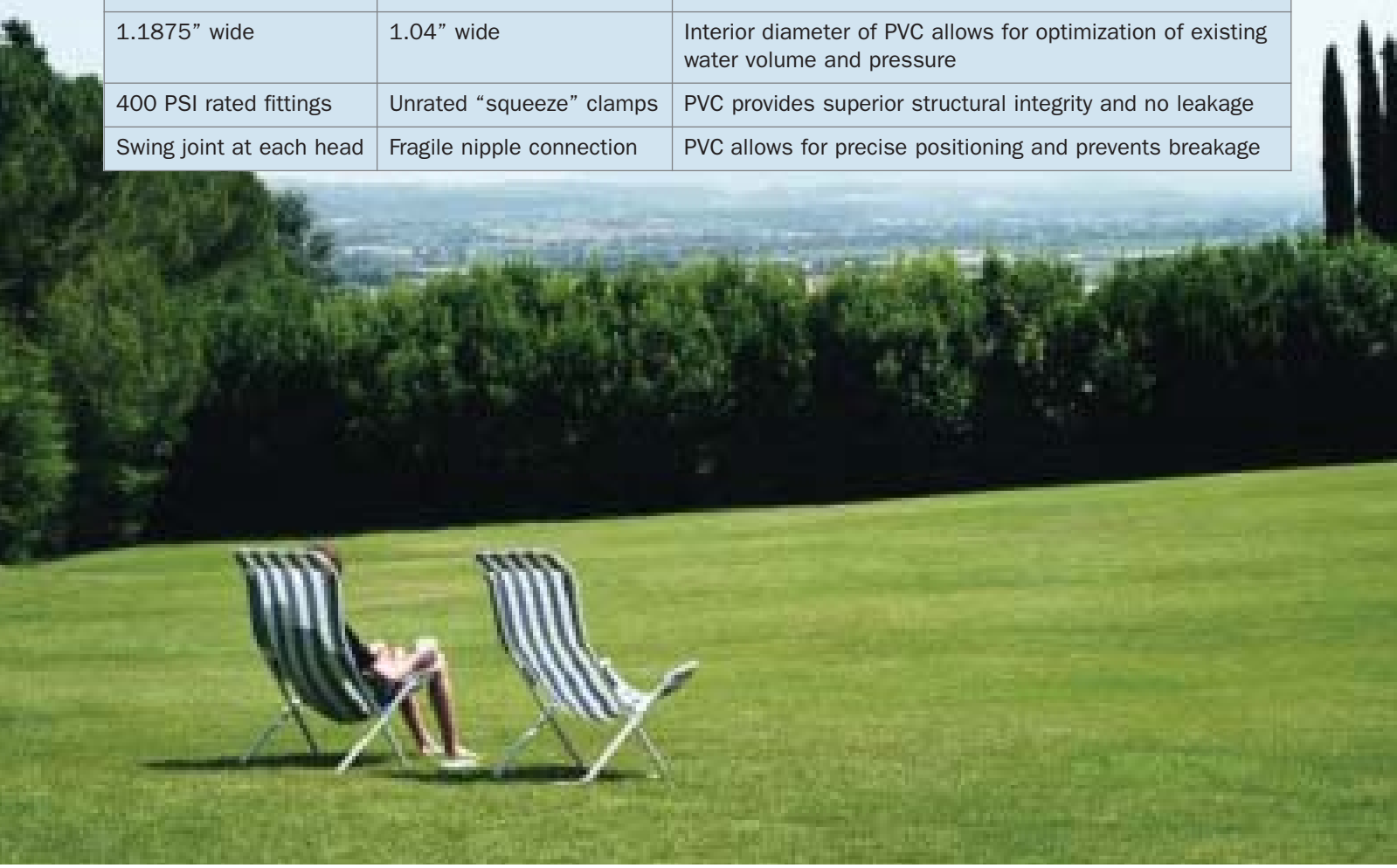


# PVC vs. POLY

## AN EDUCATED COMPARISON FOR THE LIFE OF YOUR LAWN SPRINKLER SYSTEM

At DRF Trusted Property Solutions, we are committed to providing our customers with a lawn sprinkler system comprised of the best materials that will stand the test of time. That's why we use only commercial grade, rigid PVC piping, instead of the polyethylene tubing used by other companies. We encourage you to take a look at the differences before you decide on your investment.

PVC PIPE	POLY TUBE	DIFFERENCE
50+ years	5-10 years	PVC delivers a notably longer system life
200 PSI rated	80 PSI rated	Standard industry ratings prove PVC is 2 1/2 times stronger
1.1875" wide	1.04" wide	Interior diameter of PVC allows for optimization of existing water volume and pressure
400 PSI rated fittings	Unrated "squeeze" clamps	PVC provides superior structural integrity and no leakage
Swing joint at each head	Fragile nipple connection	PVC allows for precise positioning and prevents breakage



# PVC vs. POLY: A CLOSER LOOK

## DURABILITY

PVC pipe typically lasts up to 50 years or more. Plus, because they come straight, there's no chance for buckling after installation. Polyethylene systems can begin deteriorating within a relatively short period of time. And because it comes on rolls, it can begin to roll-up again. When this occurs, sprinkler heads get displaced – watering areas you never intended.



A buckling poly tube system

## POSITIONING & PERFORMANCE



DRF PVC System

Typical Poly System

During lawn sprinkler system installation, many variables must be considered, including:

- Proper positioning of the sprinkler heads
- Protection from puncture damage
- Connection strength

With poly tubing, not only do you run the risk of underground buckling which can displace the position of the sprinkler heads, but you're also at greater risk of tube damage. Poly tubes can be easily punctured, simply by sticking a stake in the ground. PVC pipes can handle those impacts, and more! Plus, PVC swing joints have a 400 PSI rating and are permanently adjustable. This guarantees a leak-free system and unlimited positioning options. Poly tube barbed insert fittings are unrated for PSI, and are only held in place by a metal squeeze clamp. With these metal clamps connecting your system at every underground junction, they will eventually rust, break down, and begin to leak.

## WATER PRESSURE

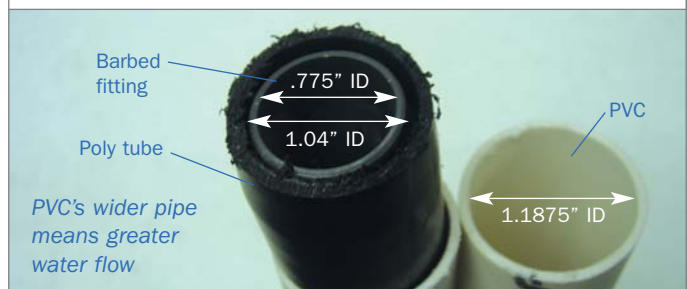


The American Society for Testing and Materials (ASTM) has established industry rating standards for pipes. Through stringent testing, they have rated the PVC pipes that DRF uses at 200 PSI and the poly tubing our competitors use at 80 PSI. These ratings are stamped on the pipe, and regardless of the installer's personal preference or belief, it proves that PVC is 2 1/2 times stronger than poly.

Installers choose poly tubing over PVC pipe because it costs less and is easier to install, thereby reducing labor time and costs. However, the advantages of PVC far outweigh any savings in both the short and long run.

## WATER FLOW

The larger inside diameter (ID) of the PVC pipe, along with the type of connections PVC uses, guarantees delivery of at least 25% more water flow than poly tubing. In some cases, this may eliminate the need for a booster pump. Poly tubing requires barbed fittings to be installed in the tubes which not only restrict flow, but can cause turbulence and hydraulic performance loss. In fact, "1-inch" poly tubing is so much smaller that it can actually fit inside of a "1-inch" PVC pipe.



Make a wise investment in the life of your lawn with our superior lawn sprinkler systems. Call DRF at 630-615-7000 for more information - today! Go to [www.DRFtps.com](http://www.DRFtps.com) for your online quote!