

Valley® PolySpan® Adds Life to Your Irrigation Equipment



Groundwater quality is changing across the country, shortening the lifespan of center pivots by corroding pipelines. Water containing chlorides and sulfates can corrode galvanized pipe, and water with high or low pH levels can decrease pipe lifespan even more. In addition, many growers are using wastewater and process water for irrigating, and applying crop protection chemicals or soil amendment products through their pivots.

All these corrosive conditions are leading growers like you to investigate pipeline materials that are more resistant to corrosion than galvanized pipe.

What is PolySpan?

PolySpan® starts with a steel pipe that is welded and hot-dip galvanized. Then our High-Density Polyethylene (HDPE) liner is installed into the pipe. The ends are hot-formed onto the flange and through small retention holes in the flange to create a highly-durable HDPE pipe gasket that also locks the liner into the pipe. Finally, self-locking, glass-reinforced nylon couplers are installed by skilled Valley® technicians.

Since 2005, PolySpan has been manufactured in Valley, Nebraska, USA, at the same factory where we make the industry-best Valley gearbox.



Save Money



Improve Efficiency



Durability/Reliability

Long-Lasting Protection Against Corrosion

- PolySpan is made from an inert material, making it ideal for chemigation, fertigation and resisting corrosive water
- No leaking – wide-gasket, self-locking couplers ensure a water-tight seal
- Long lasting – the first machine with PolySpan, installed in Utah in 1992, is still operating
- All structural components – from pivot pipe to last pipe – are lined and poly protected
- Not affected by abrasion from sand or sediment in irrigation water
- Highly resistant to sunlight and humidity
- Same weight as a galvanized span when filled with water

Valley PolySpan Works Everywhere, All the Time

Valley has tested many corrosion solutions, including aluminum, stainless steel, weathering steel, and a variety of paints, linings and other coatings. From that research, we know that Valley PolySpan is the best corrosion solution for any water condition.

PolySpan resists corrosive elements in irrigation water. There's no limit on pH, sulfates, chlorides, softness or farm chemicals. It's an excellent choice for growers who apply chemicals and fertilizers through irrigation water. And unlike other so-called corrosion-resistant pipe, PolySpan is made from an inert material, so you don't have to worry that the investment made to protect your pipeline is actually harming it.



Learn more about PolySpan at www.valleyirrigation.com

Valley is so confident in PolySpan's performance that we offer a 20-year, pro-rated corrosion warranty with full replacement for the first 10 years or 30,000 hours (whichever occurs first).¹

PolySpan is the best investment you can make for your farm and your future.

Available on Valley pivots, towables and linears (laterals):

- Valley 8000 series[®], 7000 series and 8120 series machines
- Span lengths ranging from 115' (35m) to the industry-leading 225' (68.5m)
- 6 5/8" (168mm) and 8 5/8" (219mm) pipe to accommodate a range of machine lengths and flow rates
- Compatible with Valley Precision Corner^{®2}, Valley VFlex[™] Corner and Valley Bender30[™], so you can maximize your irrigated acres, even if you have corrosive water
- Re-piping available for older Valley 8000, 7000 and 6000 series machines. Re-piped machines are backed by the same industry-leading warranty as new PolySpan machines.

1. Warranty applies in USA and Canada only. Does not include freight, labor or hardware. Ask your Valley dealer for a copy of the Corrosion Warranty.

2. Not available in all regions

If you're not sure what chemicals are in your irrigation water, contact your local Valley dealer for a FREE water sample test!