



Application Story

Another
Corrosion
Problem
Solved.

Water Treatment - RO Water System

Products Installed:

- Ultra Proline Halar (E-CTFE) pipe, fittings and valves

Application:

Liquid: Sulfuric Acid

Temperature: Ambient

Installation: Above Ground

Concentration: 98% +

Pressure: 50 psi

Date of Installation: 2006



A reverse osmosis (RO) water treatment plant in Palm Beach County, Fl. had suffered two system failures in less than one year. The failures at plant number nine were due to the use of 98 percent sulfuric acid. Their third system installation, using Asahi/America's Ultra Proline Halar pipes, fittings and valves, however, was a success.

After the initial PVDF piping system failed, the plant installed CPVC schedule 80 piping, valves and fittings. The new CPVC system lasted approximately 10 months before it developed hair-line stress cracks throughout the entire length of the pipe and acid began weeping through the pipe wall.

Installing Asahi/America's Ultra Proline Halar piping solved these problems because Halar can handle any concentration of sulfuric acid. Now, the plant can look forward to many years of trouble-free service.



for more information visit www.asahi-america.com
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