



# Stainless Piping Systems

# Shurjoint Solutions

#### Materials:

ASTM A351 / A743 CF8 (304)
ASTM 743 CF8M (316)
ASTM A743 CF3M (316L)

## **Duplex Stainless Steels Offered:**

ASTM A890 2A CE8MN ASTM A890 4A (CD3MN) Super Duplex ASTM A890 5A (CE3MN)

Stainless Coupling/Fitting Range: ¾" to 12"

Stainless Max Working Pressure Range: 200 - 1200 psi

Ductile Iron Galvanized Couplings/Fittings: 3/4" to 72" (DI fittings to 16")

# Industries/Applications Sea Water Reverse Osmosis (SWRO)

SWRO application areas

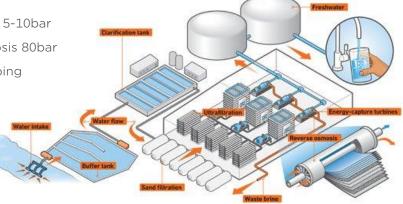
■ Low pressure Ultra Filtration 5-10bar

■ High pressure Reverse Osmosis 80bar

- Water intake large bore piping
- Water distribution piping
- Waste Brine water

### Ultra-Filtration

- Ultra-Filtration application areas
  - Potable water removes chlorine resistant organisms, such as Cryptosporidium and Giardia
  - Seawater pre-treatment In order to expand the lifespan of the RO membranes
  - Process water high grade water for industrial processes or beverage industry
  - Municipal wastewater high quality effluent with limited installation footprint
  - Industrial wastewater re-usable water with limited installation footprint.









## Fresh Water Treatment

- Application areas
  - Intake piping
  - Process piping
  - Pump room
  - Water distribution line
  - Water reticulation

Note: Stainless steel piping is frequently used in water treatment plants because of corrosion resistance and hygienic properties.



Ultra-Filtration / Desalination





For more industry/application references, please visit shurjoint.com/eng/projects.aspx

