



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"

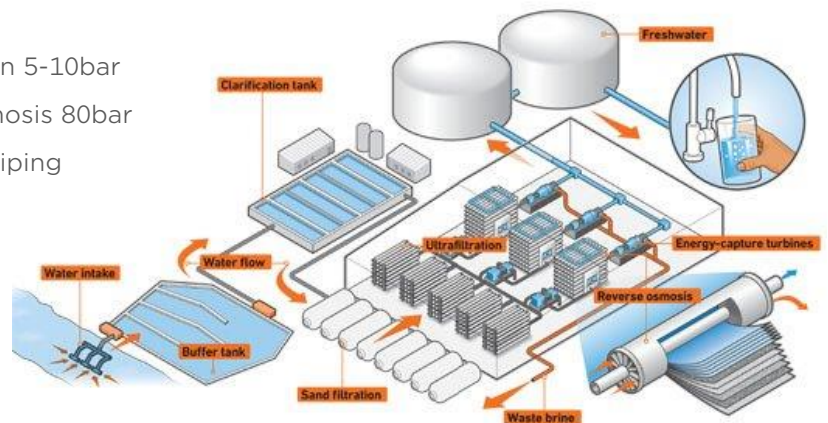
Stainless Max Working Pressure Range: 200 - 1200 psi

Ductile Iron Galvanized Couplings/Fittings: ¾" 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.



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

Fresh Water Treatment

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



Ultra-Filtration / Desalination

Water Distribution Lines



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