



STAR piping systems for potable sea water

## A product with fascinating effect

Our planet is a water landscape. More than two thirds of the earth's surface is covered by water. The largest water resource is salty sea water. For this reason, only 2.5 percent of the world's water resources are immediately drinkable. Ensuring the global supply of drinking water is therefore one of the key challenges.

### The best choice for your seawater desalination project.

Due to their resistance to extreme requirements, such as constant temperature changes, corrosive water and violent pressure surges, STAR pipes and fittings are ideal for applications in seawater desalination plants.

#### Use the advantages:

- + excellent corrosion resistance
- + high resistance to salty water
- + high durability (also underwater)
- + smooth inner surface to avoid incrustations
- + chemical resistance
- + permanent low head loss
- + abrasion resistance
- + resistant to UV, weather and temperature
- + easy to process (weldable)
- + long-term tight connection
- + resistance to soil movements and water hammer

### Ideal prerequisites for the use of a wide variety of drinking water extraction processes

So that you can meet the demanding challenges of drinking water production and we make a joint contribution to securing nature's most valuable resource, you will receive products from us with ideal prerequisites for use in seawater desalination plants (e.g. pipe systems for reverse osmosis, supply and waste water lines or dosing lines for the Pre- and post-treatment) and in drinking water treatment.

### How to make your work easier on construction site

By producing special diameters for you and connecting assemblies in almost every imaginable combination, you will receive individual components that are precisely tailored to the conditions on site for almost every building project. We also produce prefabricated parts with which you save welds and installation time on the construction site. In order to implement your specifications ideally, our different departments work hand in hand and make your work on the construction site easier. In that way we manufacture the ideal component for you so that you can realize your building project as easily as possible.

You need a very special component?  
**We deliver customized solutions!**



STAR Piping Systems GmbH  
[www.star.de.com](http://www.star.de.com)

Engineered in Germany

### Approved quality - you can count on

At STAR, we believe in being able to make a difference with safe pipe systems, so that your drinking water arrives not only clean, but also safely!

That is why we demand high standards on the quality of our production processes and our products. With comprehensive tests and long-term tests, we put our products to the test again and again: Whether extreme pressure, tensile forces or stretching - all materials are tested under extreme conditions that are more demanding than everyday life. Avoid unnecessary repair and renovation costs and rely on quality right from the start with pipe systems from STAR.