

## Membranes for reverse osmosis

### Application

These elements provide high degree of salt and organic matter rejection. Membranes in the reverse osmosis elements have an active surface that increases the flow of permeate - and increases productivity by 50%. Nano-filtration elements provide for selective rejection of calcium, magnesium and other salts.

### Description

The basis of all spiral wound elements is a thin composite membrane, which consists of three layers: ultra-thin polyamide rejection layer, micro-porous polysulphone mid-layer, and strong supportive mesh made of polyester. The basic structure is the mesh. Polyamide rejection layer provides high water flow, high chemical resistance, and high rejection of silica and other dissolved salts. The thin micro-porous polysulphone layer provides porosity, strength and resistance which are necessary because of the demanding working conditions.

### Note

We work with many different membranes for different applications (clean water, brackish water or sea water).

For the offer send us your technical demands.



Membrane