

# Design in PP

## for reverse osmosis units

Design of the ultrapure water unit UP-S7 or the RO unit of the type UO-D FU, UO-D AS/FU or UO-D BW/FU in polypropylene (PP). The entire low-pressure piping is made of PP, the high-pressure piping remains unchanged. The surcharge includes not only the material costs but also the engineering and the additional manufacturing costs.

### BENEFITS

- PP has better heat resistance than PVC and is non-toxic as it contains no chlorine compounds

### APPLICATIONS

- Option suitable for UP-S7 ultra-pure water unit and for RO units series UO-D (FU), UO-D AS/FU or UO-D BW/FU
- Particularly suitable for power plant and green hydrogen applications

### DESCRIPTION

The following system parts are made of PP instead of PVC:

- Shut-off valve feed water (if designed as diaphragm valve)
- Inlet piping up to the high-pressure pump
- Permeate piping and permeate return if available (and associated diaphragm valve, if required)
- Concentrate piping downstream of the control valves
- Cleaning connections (if available)

### TECHNICAL DATA OF SERIES

Product name	Compatible with	Item number
Design in PP	UO-D FU (from size 2500 on), UP-S7 FU, UO-D AS/FU (from size 2200 on), UO-D BW/FU	800 019