

Trovidur® for water treatment

Durable, chemical-resistant tanks and plants

Clean water is essential to life. Nevertheless, many people have only insufficient access to clean drinking water. For this reason, hygienic water treatment plays an important role on a global scale.

*Storage tank made of Trovidur® EC:
The Röchling PVC-U is highly resistant to chemicals and has the purity required for contact with drinking water*



Globally proven materials

Aggressive chemicals such as chlorine dioxide, chlorine, ozone and UV-C radiation, among other things, are used for water treatment. Tanks and plants must be able to withstand contact with these chemicals in the long term. Röchling offers you one of the largest product ranges for water treatment. Röchling plastics are characterised by **excellent resistance to chemicals** and simultaneously provide the **high degree of purity** required for **contact with drinking water**.

PVC for demanding processes

Particularly chemicals with especially great disinfecting power such as **ozone** and **chlorine dioxide** make high demands of construction materials. The containers and installations most suited for these demanding processes are made of **PVC**. Plant manufacturers worldwide trust in the Röchling materials **Trovidur® NL** and **Trovidur® EC** with their special characteristics.

Product range

Trovidur® NL (PVC-U) sheets	
Format	Thickness
1,000 x 1,000 mm	1 ... 100 mm
2,000 x 1,000 mm	
2,440 x 1,220 mm	

Trovidur® EC (PVC-U) sheets	
Format	Thickness
2,000 x 1,000 mm	1 ... 6 mm
3,000 x 1,500 mm	

Other dimensions on request

Properties

Trovidur® NL (PVC-U)

- High resistance to chlorine dioxide, ozone, chlorine and oxygen
- Suitable for contact with drinking water and food
- Approved as lining material (inliner) by the DIBt (German institute for civil engineering)
- Easy to process through sawing, thermoforming, gluing

Trovidur® EC (PVC-U)

- High resistance to chlorine dioxide, ozone, chlorine and oxygen
- Conforms to RoHS, ELV, WEEE and RLAP
- Fulfils the drinking water recommendations of the German ministry for the environment, nature conservation and nuclear safety
- Easy to process through sawing, thermoforming, gluing

Complete system

Röchling offers you a complete system for tank and plant construction, consisting of

- an extensive selection of materials (PE, PP, PDVF, PVC, POM, PET, PEEK)
- great deal of know-how
- sheets, square and U profiles, welding wire
- RITA 3, the proved tank calculation programme

Contact

We would be happy to provide more details about our water treatment products. A brochure is also available on request

"High-Performance Plastics for Water Treatment"

Please write to:
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