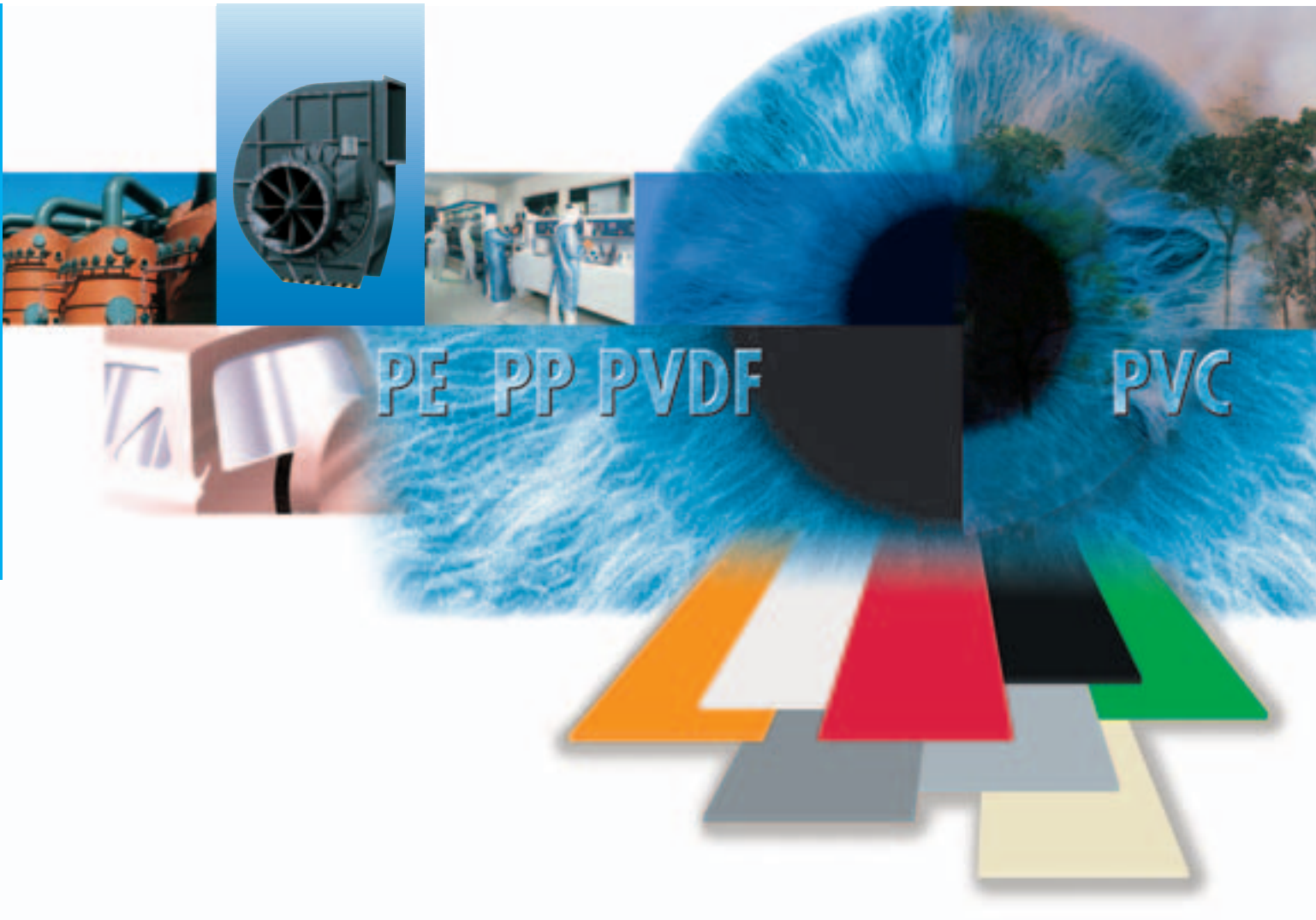


# Polystone® plus Trovidur® PE, PP, PVC, PVDF

## Thermoplastics Semi-finished products at a glance



## World-wide unique: Our range of thermoplastics

With Polystone® plus Tovidur® Röchling offers one of the world-wide most comprehensive product ranges to wholesalers and manufacturers involved in Civil Engineering, Chemical Tank Engineering, Construction Industry and the Advertising Industry (VisCom): Semi-finished products made of PE, PP, PVC and PVDF from a single source. — The range comprises:

- Extruded sheets with a width of up to 3.000 mm and 0,8 to 50 mm thickness
- Pressed sheets up to the Megasheet™ size 6.000 x 2.500 mm and 1 to 200 mm thickness
- Rods of up to 300 mm diameter
- Extruded square tubes and U-profiles
- Extruded welding rods with various shapes

### Finished parts and extruded profiles

Also unique is the possibility to receive finished components according to your drawings machined on the latest CNC-milling machines from the manufacturer of the semi-finished product. Moreover we can offer extruded profiles in more than 200 different shapes. Please contact us — we will then provide you with all information and brochures you require.



### RITA – Tank building software

As a competent supplier of semi-finished products to the Chemical Tank Engineering Industry Röchling together with the technical control board TÜV Nord developed a software programme for the calculation of tanks. "RITA – Röchling's Integrated Tank building Assistant" calculates standing, non-pressurised round and rectangular tanks with conical or sloped bottoms always taking account of the internationally recognised DVS-standards (German Welding Society). Also support nozzle diameters of up to 600 mm are possible.

Please order a cost free demo version.

**Röchling – Competence. Performance. Confidence.**

### Röchling helps

This brochure shows our wide production range at a glance. If you have any questions our sales and technical marketing team and our Customer-Service-Center will be pleased to help you with any information required. You can also request for our brochure "Production range".

### There's no limit for quality

We are constantly improving our DIN EN ISO 9001:2000 quality management system through DQS Cert audits, evaluations and corrective and preventive measures.

We are always working on improvement processes within the whole company to ensure a consistent optimum level of quality and to focus our activities on the requirements of our customers.



## Our product range at a glance



| Product                | PE, PP, PVDF                                                                                                                                                                                                                    | PVC                                                                                                                                                                                                |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Brand names</b>     | Polystone® M (PE-UHMW)<br>Polystone® D (PE-HMW)<br>Polystone® G (PE-HD)<br>Polystone® E (PE-LD)<br>Polystone® P (PP)<br>Polystone® PPs (PPs)<br>Polystone® PVDF (PVDF) <sup>1)</sup>                                            | Trovidur® (PVC-NI/HI)<br>Trovidur® (PVC-C) <sup>1)</sup><br>Trovidur® (PVC-P)<br>Trovicel® (PVC-foamed)<br>Trovitex® (PVC-foamed)<br>Astralon®<br>Astraglas® (PVC-P)                               |
| <b>Extruded Sheets</b> | <b>Dimensions</b><br>2000 x 1000 mm<br>2440 x 1220 mm<br>3000 x 1500 mm<br>4000 x 2000 mm<br><br><b>Thickness</b><br>1 – 50 mm <sup>2)</sup>                                                                                    | <b>Dimensions</b><br>2000 x 1000 mm<br>2440 x 1220 mm<br>3000 x 1500 mm<br>3050 x 1220 mm<br>3050 x 1560 mm<br>3050 x 2030 mm<br>4050 x 2030 mm<br><br><b>Thickness</b><br>1 – 40 mm <sup>2)</sup> |
| <b>Pressed Sheets</b>  | <b>Dimensions</b><br>2000 x 1000 mm<br>3000 x 1250 mm<br>4000 x 2000 mm<br>6000 x 1000 mm<br>6000 x 2000 mm<br>6000 x 2500 mm Megasheet™<br><br><b>Thickness</b><br>8 – 200 mm <sup>2)</sup><br>1 – 8 mm <sup>2)</sup> (skived) | <b>Dimensions</b><br>1400 x 600 mm<br>1600 x 800 mm<br>1000 x 1000 mm<br>2000 x 1000 mm<br>2440 x 1220 mm<br><br><b>Thickness</b><br>0,15 – 100 mm <sup>2)</sup>                                   |
| <b>Rods</b>            | <b>Diameter</b><br>8 – 300 mm<br><br><b>Standard length</b><br>2000 mm (PVDF 3000 mm)                                                                                                                                           | <b>Diameter</b><br>Trovidur® PVC-U:<br>6 – 200 mm<br><br><b>Standard length</b><br>2000 mm                                                                                                         |
| <b>Welding rod</b>     | round, triangular, three-core, oval                                                                                                                                                                                             | round, triangular, three-core, oval                                                                                                                                                                |
| <b>Profiles</b>        | Square tubes, U-profiles                                                                                                                                                                                                        |                                                                                                                                                                                                    |



Polystone® PVDF and Trovidur® PHT 4910 meet the performance test requirements for Factory Mutual Research Specification Tested Product Listing as an identified component for the use in clean rooms (FM-Test Standard 4910).

<sup>1)</sup> meets the performance test requirements FM-Test Standard 4910  
<sup>2)</sup> depending on dimensions and material



# Engineering Plastics and Ideas for the future Competence. Performance. Confidence.

The internationally oriented Röchling Engineering Plastics Group has achieved extremely fast growth in the last few years. With Group sales running at more than Euro 225 million it is one of the world's leading suppliers of semi-finished and finished products made of engineering plastics:

- Thermoplastics (PE, PP, PVC, PVDF)
- Composites
- Laminated densified wood

## World-wide locations



**Röchling Engineering Plastics KG**  
Röchlingstr. 1, D-49733 Haren/Germany  
Postfach 12 49, D-49726 Haren/Germany  
Tel. + 49 5934 701-0  
Fax + 49 5934 701-300  
[www.roechling-plastics.com](http://www.roechling-plastics.com)  
[info@roechling-plastics.com](mailto:info@roechling-plastics.com)

Plant Troisdorf  
Mülheimer Str. 26/Geb. 115  
D-53840 Troisdorf/Germany  
Tel. +49 22 41 4820-0  
Fax +49 22 41 4820-108