



*Storage tanks  
of PE-sheet material*

*for the safe storage of hazardous  
liquid chemicals*



**Storage tanks and retention tanks according to WHG (Federal German Water Act):**

Storage tanks of welded sheets are made as vertical cylindrical tanks with flat bottom. The tank roof may be shaped conically or flat. Custom-made tank sizes will allow an optimal fitting to the room available at the place of installation. The storage tanks and retention tanks are made of material approved by the DIBt (Deutsches Institut für Bautechnik) exclusively.

The excellent chemical resistance of PE against most acids and alkalis attack and weather conditions will guarantee a long lifetime of our tanks.

The high-quality technical tank equipment is a warranty for safe, economical and ecological operation of the tank obeying the relevant environment regulations.

The construction of tanks and retention tanks is based on the DVS, EN 12573, as well as the regulations of the DIBt (List of Media). Each storage tank and each retention tank is built in conformity with an approved static calculation.

All weld seams are performed by certified thermoplastic welders on most modern machinery. Our production is being monitored by an internal quality and finished-product control as well as the external supervision by the TÜV-Süd.

The conformity of the product with the certificate of approval and the tightness are documented by a certificate of conformity and a works certificate according to EN 10204-2.1

**Options**

- Access ladder and service pedestal
- Tank insulation
- Tank heating
- Mixer



**Storage tanks and retention tanks with note of approval Z-40.21-221:**

*Technical data:*

Capacities:	500 l up to 50.000 l
Operating pressure:	atmospheric
Diameter and dimensions:	at customers' request, max. diameter 4000 mm
Operating temperature:	up to max. +30°C (short time +40°C)
Manway:	depending on medium characteristics with elastic toggles, bolted gastight, or as safety pressure relief lid
Nozzles:	as threaded nozzle, flange socket or bolted socket DIN or ANSI standard

Subject to technical alterations

**A sure grip on aggressives with the products from Schwaben-Kunststoff**

- Approved storage tanks and retention tanks from PE and PP
- Helically wound tubes from PE and PP

- Design and construction of ready to operate tank farms for liquid chemicals
- Chemical apparatus construction
- Process engineering tanks
- Gas scrubbers
- Technical equipment for tanks
- Assembly of piping systems
- Maintenance of tanks and tank farms

**Schwaben-Kunststoff Chemietank- und Apparatebau GmbH & Co. KG**

Augsburger Strasse 42  
 D- 86863 Langenneufnach  
 Phone +49 8239 79-0  
 Fax +49 8239 79-40  
 E-mail: info@schwaben-kunststoff.de  
 www.schwaben-kunststoff.de