

Implementation and planning PURPLAN,
Storage tank construction Ludwig

1200 METRES TRACE HEATING FOR STORAGE TANKS

Application

Heating of storage tanks for industrial resins and hardeners so that they remain liquid. The trace heating is used to maintain the temperature, no heating up

Technical data

- Total of approx. 1200 m corrugated hose DN 20 for storage tanks (50 m³ and 25 m³)
- Flow medium is hot water at up to 90 °C
- Desired holding temperature of the storage tank: 50 °C

Special features

- Very fast and simple installation without welding thanks to Witzemann-fast-mount clips
- The flexible system is much cheaper and quicker to install than conventional welded half-pipe coils
- Requirements-specific adjustment of the system guarantees the quickest and most economical solution in each case – no “over-engineering”
- Thanks to the use of the plant's existing steam/hot water, significantly improved ecological balance compared to electrical trace heating



The individual storage tanks are up to 12 metres long – filled with viscous resin and hardener. And everything must be kept in a liquid, workable state.



Stainless steel strips, turnbuckles and blue fast-mount clips make installation quick and easy. No welding required!



To achieve a constant medium temperature across the entire geometry, the tank bottom of the tanks will also be “heated”. The flexible hose can be easily adjusted to the curved shape of the dished head.



Almost 400 m of DN 20 trace heating hose are fitted to the 50 m³ tank. This corresponds to a surface area of approx. 50 m².