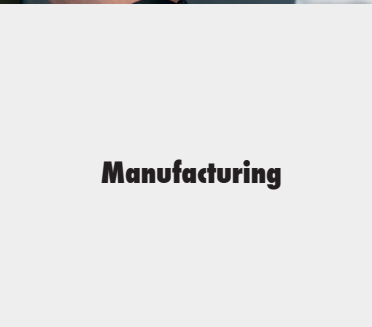


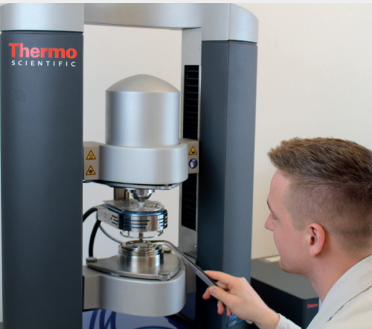
THE WHOLE PROCESS



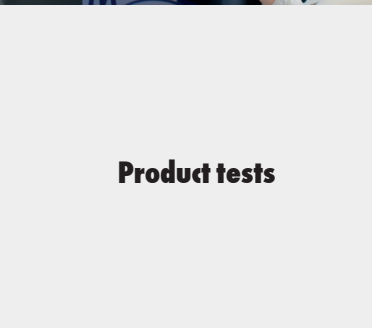
Raw materials



Manufacturing



Networking



Product tests

IVT - THAT'S QUALITY

- ✓ Made in Germany
- ✓ High-quality materials
- ✓ Lead-free fitting materials
- ✓ State-of-the-art measuring equipment
- ✓ Process data monitoring
- ✓ Traceability till the minute
- ✓ Cooperation with external laboratories
- ✓ Direct exchange with processor
- ✓ Quality management according to DIN ISO

**We are
happy to
inform you!**

IVT GmbH & Co. KG

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QUALITY MADE BY IVT

For the safety and longevity of your installation.



QUALITY IS TRUMPS

TRUST IS GOOD,

CONTROL BETTER.



1. When selecting our suppliers and raw materials

- Compliance with international norms and standards
- Material testing of every delivery in our own laboratory
- External monitoring by independent institutes
- Own quality requirements beyond the standard
- Sustainability and corporate ethics

2. During the production

- Online monitoring of all production parameters
- Continuous sampling and testing
- Automatic measurement and monitoring of all pipe parameters and process data

Quality management system according to DIN ISO

- Quality management system: DIN ISO 9001:2015
- Energy management system: DIN ISO 50001:2018

3. Cross-linking

- Novel test method using a rheometer; developed in cooperation with the University of Erlangen
- Environmentally friendly without xylene
- Efficient (result within only 10 minutes)

4. After the manufacturing

- Creep tests (simulation of ageing under extreme conditions)
- Thermal shock test (tightness of the connection under extreme conditions)
- Organoleptics (migration, odour and taste)



ADVANTAGE

■ Production **Made in Germany**

Production with modern extrusion lines optimised for the production of high molecular weight polyethylenes.

■ **Crosslinked pipe materials**

Constant monitoring of the cross-linking with state-of-the-art methods for particularly durable and hygienic pipelines.

■ **Lead-free fitting materials**

Fittings made of lead-free and corrosion-resistant materials (Cuphin, PPSU, stainless steel).

BENEFIT

■ High-quality and certified materials form the basis for **hygienic and durable drinking water and heating installations** with IVT products.

■ Our own demands on the quality and dimensional accuracy of our products **exceed the values required by the relevant standards**. For your + in quality.

■ Our product quality is **monitored regularly, both internally and by independent testing institutes and laboratories**. Quality you can trust.

■ Through our direct sales, we are in **direct exchange with the processors of our products**. Improvements and new product ideas thus flow directly into our processes and systems.

■ Due to the cross-linking, our **PE-X pipes withstand extreme loads and are durable for at least 50 years if used properly**. For your safety and a particularly long durability of your installation.