Testing of pipe systems and components

Do your plastic pipe systems and components comply with requirements?
Today, pipe systems and components are increasingly made of plastics, which frequently represent a genuine alternative to other materials. In addition, plastics offer special properties which permit them to be used in applications where other materials show limitations, especially in the long term. Given this, one sphere of their use is the chemical sector and wherever aggressive substances need to be transported. In this context, the potential fields of application of plastics are constantly expanding, which naturally requires that this applicability is first verified by means of experiments.

TÜV SÜD: Your partner for the testing of pipe and industrial components
As a third-party approval body, TÜV SÜD’s Institute for Plastics has long-standing experience in the testing of pipe and industrial components made of both reinforced thermosetting plastics and thermoplastics. We also provide expert specialists and professionals who support you by developing innovative solutions on your behalf. The Institute for Plastics assists you with the following services:

Pipe fittings, valves and industrial components made of thermosetting plastics and thermoplastics
- Tests according to international standards
- Tests and inspections required for a national technical approval issued by DIBt
- Type examinations on behalf of DVGW, DIN CERTCO and mining offices
- External quality assurance for DIBt, DVGW, DIN CERTCO
- Quality assurance during installation
- Special testing

Tests and inspections particularly focus on:
- short and long-term internal pressure testing (Static/dynamic and pressure enhancement)
- Short and long-term creep testing
- Chemical resistance tests
- Damage appraisals
- Waste water and potable water pipes
- Gas pipes
- Industrial pipes
- High-pressure pipes

We will be happy to advise you in more detail. Contact us. We operate internationally.

Ensure the quality of your products.