

Plastic pipes, joints and fittings and rubber seals in water distribution and installation



You know better than anyone, that it is important for your customers to secure the quality, safety and reliability of plastic water pipes and fittings made of PE and PVC. But there is more to know about new materials...

You are...

If you are a pipe and fitting manufacturer, a contractor or working in a network company. Or if you are someone who seek answers to enquiries regarding plastic water piping systems, then our Kiwa experts can offer you relevant services in your field.

Plastic pipe materials have already been proven to be safe and reliable in water distribution systems for many decades. PE (polyethylene) is worldwide the most well known material for plastic water pipes and fittings. And PVC is also being successfully used for water distribution pipes and mechanical fittings since a long time.

Safety and reliability

Also in water (indoor) installations, plastic pipe materials have been functioning safely and reliably for many decades. For indoor water pipes various materials are used such as PE-X, PB, PP-R, PE-RT and PVC-C. Nowadays metal and plastic multilayer pipes with barrier properties are widely used having the properties required for drinking water, underfloor heating and radiator heating in one pipe. For the fittings, materials like brass are more and more replaced by common or engineering plastics such as PVDF and PPSU.

Kiwa is active in securing the quality, safety and reliability of these traditional materials and new piping systems since the introduction of these materials.

Services and solutions for your needs

Our polymers experts can help you with independent testing, certification and quality related services regarding plastics in pipes and

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fittings for water distribution and installation.

The services and solutions that they offer regarding plastic water distribution piping systems and plastic water installation piping systems are:

- Certification of plastic pipes and fittings
- Product inspections
- Physical & mechanical testing plastic materials and products
- Chemical resistance testing of plastics
- Testing of pipe joints
- Service life investigations and residual lifetime assessments
- Technical Consultancy
- Trouble shooting
- Damage/failure analyses
- Independent arbitrations
- Market research
- Support in product development
- Training & seminars
- Development of test methods

More information

If you have one or more occasions where polymeric expertise and testing is needed, please contact us at rubber@kiwa.nl

About Kiwa

Kiwa has specialized business units that focus on specific market segments, in the Netherlands and internationally. We offer specialist services in areas such as energy and water, fire safety and security, infrastructure, roof and facade advice, sports facilities and training. You can contact these business units for testing, inspection, certification, training and consultancy tailored to your market segment.

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