

Plastic pipes and joint in gas distribution and installation



Did you know that Kiwa is active in securing the quality, safety and reliability of traditional PE and PVC gas distribution piping systems since the introduction of these materials? And that we can offer you expertise in the more recently introduced and new polymer materials for gas distribution? You can rely on independent tests, certification and quality related services.

You are...

Are you a pipe and fitting manufacturer, a contractor or working in a network company? Or are you someone who seek answers to enquiries regarding plastic gas piping systems? We can help you further with our expertise.

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

You can rely on years of expertise

Kiwa is active in securing the quality, safety and reliability of the traditional PE and PVC gas distribution piping systems since the introduction of these materials. But we are also very active regarding more recently introduced and new polymer materials for gas distribution, like PA (polyamide), PE100 RC. And numerous innovative multilayer and composite piping systems, and alternative materials for gas fittings (e.g. POM, PPSU, PVDF). We can also help you with our knowledge of polymer materials. These materials are more and more used for indoor gas piping systems. For already more than a decade Kiwa has experience with PEX and multilayer piping systems, connected with mechanical metal fittings or plastic fittings (PPSU, PVDF).

Your need is our challenge

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The services and solutions that our experts can offer regarding plastic gas distribution piping systems and plastic gas installation piping systems are:

- Certification of plastic pipes and fittings
- Product inspections
- Physical & mechanical testing of plastic materials and products
- Chemical resistance testing of plastic materials
- 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

In short: in all occasions where polymeric expertise and testing is needed.

More information

Please feel free to discuss your questions with us. You can 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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