When quality and reliability matter most, trust the **BSI Kitemark™**

Why is the BSI Kitemark™ for polymeric pipes so important?

So if you're looking to differentiate your products in the marketplace and are looking for experts with the recognized industry knowledge to give your products trusted recognition to open up new markets, we're here to help.

We have expertise and experience in independent and impartial testing and certification of polymeric pipes, fittings and associated products for various applications including:

- Soil and waste systems
- Sewers
- Subsoil field drains
- Cold and hot potable water supply systems
- Gas supply

In order to achieve a BSI Kitemark, manufacturers submit samples of products that will carry this trusted quality mark to our laboratory for third party independent testing against various key industry standards. During this rigorous process the products will be temperature and pressure tested to make sure they perform, even in extreme environments. But products that have earned a BSI Kitemark aren't tested just once. We check them time and time again on a regular basis to help ensure consistency, safety and quality. This is what we believe sets the BSI Kitemark apart from many other certification schemes.

In every case, performance is tested in line with the recommendations of the appropriate BS, ASTM, GIS, EN or ISO standard. To achieve BSI Kitemark certification we also consider quality of the materials used as well as quality control and production management systems (such as ISO 9001) that are used by a manufacturer at their site.

So how can I achieve the BSI Kitemark™?

For a manufacturer to achieve the BSI Kitemark, the following steps typically need to be taken:

- Initial laboratory type testing of the product;
- Initial assessment of the manufacturing site and associated manufacturing quality plan (usually to a recognised standard such as ISO 9001)
- On-going factory assessments and product testing , once or twice a year, to ensure that the quality plan remains in place and agreed manufacturing procedures are being followed
- A product audit of samples from current production to the relevant standard to ensure products continue to comply. This also gives an opportunity to review any amendments or updates to the standards and how they will affect the product.

Helping you to access to global markets

Because we are Notified Body for 17 European Directives we can help you meet the requirements to trade in Europe. We have UKAS accredited laboratories, and can provide testing, mandatory or voluntary certification and compliance wherever your business is located.

We also meet the requirements of Gas Distribution Networks who will require all products used on the gas distribution networks to have BSI Kitemark certification.

bsi.

...making excellence a habit.™

Core standards for polymeric pipes and associated products that we can certify and test

Standard/specification	Standard/specification name	Cert
BS EN 12201-2:2011	Polyethylene pipes for water supply	
BS EN 12201-3:2011	Polyethylene pipes for water supply - fittings	
ISO 4427:2007	Polyethylene pipes for water supply	
BS 7291:-2&3:2010	Thermoplastic pipes and associated fittings for hot and cold water for domestic purposes and heating installations in buildings	
BS EN 1452:-2&3:2009	Piping systems for water supply – PVC-U pipes and fittings rainwater drainage systems	
BS EN 12200-1:2000	Plastic rainwater piping systems for above ground external use – pipes and fittings	
BS EN 607:2004	Rainwater systems -PVC-U eaves, gutters and fittings	
BS EN 1462:2004	Rainwater systems -Brackets for eaves and gutters	
BS EN 15876 series:2003	Polybutylene piping systems for hot and cold water installations & fittings	
BS EN 15874 series:2003	PP piping systems for hot and cold water installations & fittings	
BS EN 15875 series:2003	PE-X pipes and fittings piping systems for hot and cold water installations & fittings	
BS EN ISO 21003:2008	Multilayer piping systems for hot and cold water installations inside buildings.	
BS EN 1519:2000	Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure. Polyethylene (PE).	
BS EN 1329:2000	PVC-U soil and waste discharge within the building structure – pipes fittings and the system	
BS EN 1401-1:2009	PVC-U piping systems for non-pressured underground drainage and sewage	
BS EN 13476 parts 2 and 3:2007	Thermoplastic structured wall pipes, joints and couplers with a smooth bore for gravity sewers	
WIS 4-32-19:2009	PE pressure pipe systems with an aluminium barrier layer for use in contaminated land	
BS EN 13598 parts 1 and 2 :2010 (replaces EN 7158)	Plastics piping systems for non-pressure underground drainage and sewerage. Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE). Specifications for ancillary fittings including shallow inspection chambers	

Standard/specification	Standard/specification name	Cert
BS EN 13598 parts 1 and 2 :2010 (replaces EN 7158)	Plastics piping systems for non-pressure underground drainage and sewerage. Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE). Specifications for manholes and inspection chambers in traffic areas and deep underground installations	
BBS EN 681-1&2:1996	Elastomeric seals – material requirements for pipe joint seals used in water and drainage applications	
BS EN 14814:2007	Adhesives for thermoplastic piping systems for fluids under pressure.	
BS EN 14680:2006	Adhesives for non-pressure thermoplastic piping systems	
BS EN 12380:2002	Air admittance valves for drainage systems	
BS EN 274:2002	Waste fittings for sanitary appliances	

Gas pipes (used in the UK)

GIS/PL2-2	Polyethylene pipes and fittings for natural gas and suitable manufactured gas	
GIS/PL2-6	Specification for Polyethylene pipes and fittings for natural gas and suitable manufactured gas Part 6: Spigot end fittings for electrofusion and/or butt fusion purposes	
GIS/PL2-8	Polyethylene pipes and fittings for natural gas and suitable manufactured gas. Pat -8 pipes for use at pressures up to 7 bar	
GIS/PL3	Technical specification for self-anchoring mechanical fittings for polyethylene pipe for natural gas and suitable manufactured gas	
GIS/PL2-4	Specification for polyethylene pipes and fittings for natural gas and suitable manufactured gas Part 4: Fusion fittings with integral heating element(s)	

Can't see the standard you're looking for – contact us to see if we can help you

Want to find out more?

Search our online product directory
bsigroup.com/productdirectory

Discover our certification services
bsigroup.com/kitemark

BSI Management Systems Limited
Suite 208, 2nd Floor
Sultan Business Centre
PO Box 26444
Dubai – UAE
T: +971 4 336 4917
F: +971 4 336 0309

The BSI Kitemark™ is an effective marketing tool for you to promote your certification

BSI/UK/507/PC/0914/en/BLD