REF: PBPPU - PGPF1
Effective: December 2011

Product Update



Polyguard Range Plastic Fittings

Polypipe

POLYGUARD - the perfect guard for drinking water in contaminated land - NOW WITH PLASTIC FITTINGS

Polyguard by Polypipe Building Products is a complete solution for protection against potential contaminants in drinking water where pipes are to be laid in redeveloped sites previously exposed to industrial materials.

New Plastic Fittings†

We have now extended our already comprehensive range of fittings with the new plastic fittings to further ensure the essential safety of drinking water against a wide range of potential contaminants, including organic, inorganic, corrosive and toxic elements.

Approved under Regulation 31 of the Water Supply (Water Quality) Regulations 2000. A reference to the fittings is included in the "List of Approved Products" published by the DWI. WRAS Approval has also been obtained ensuring peace of mind for the installer.

Polyguard pipe is a multilayer pipe. The inner layer carries the water and is constructed from Polypipe's proven flexible blue PE80 pipe to EN 12201. It's co-extruded with an aluminium layer to resist permeation from chemicals and an additional outer blue PE80 layer to protect the aluminium layer from mechanical damage etc. Brown stripes on the outer layer ensure any installed pipework is easily identified.

For more information

The new robust plastic fitting range detailed below along with our extensive DZR Gunmetal Range, can be found in our latest "Drainage, Water Supply & Insulation Trade Price List". For further information on all Above and Below Ground products or technical assistance call: **01709 770 000**, visit our website at: **www.polypipe.com/building-products** or contact your local Polypipe Area Manager

Polyguard Pipes available sizes

SIZE	DESCRIPTION	CODE NO.
25mm	Polyguard pipe x 50m coil	PGP2550
32mm	Polyguard pipe x 50m coil	PGP3250
63mm	Polyguard pipe x 25m coil	PGP6325
63mm	Polyguard pipe x 50m coil	PGP6350
63mm	Polyguard pipe x 6m length	PGP636

Polyguard Plastic Fittings

SIZE	DESCRIPTION	CODE NO.
25mm	25mm Coupler	PGF40025
32mm	32mm Coupler	PGF40032
32mm	32 x 25mm Reducer	PGF40632
25mm	25mm x 3/4" Male Adaptor	PGF40425
32mm	32mm x 1" Male Adaptor	PGF40432
25mm	25mm x 3/4" Female Adaptor	PGF40325
25mm	32mm x 1" Female Adaptor	PGF40332
25mm	25mm Elbow	PGF40125
32mm	32mm Elbow	PGF40132
25mm	25mm Tee	PGF40225
32mm	32mm Tee	PGF40232
25mm	25mm x 15mm Transition Coupler	PGF4782515
25mm	25mm x 22mm Transition Coupler	PGF47825
32mm	32mm x 28mm Transition Coupler	PGF47832
25mm	25mm Polyguard x 25mm MDPE Transition Coupler	PGF402525
32mm	32mm Polyguard x 32mm MDPE Transition Coupler	PGF403232
25mm	25mm Stopcock	PGF41025
32mm	32mm Stopcock	PGF41032

Polyguard DZR Gunmetal Fittings

SIZE	DESCRIPTION	CODE NO.
25mm	Polyguard straight coupling	PGF25SC
32mm	Polyguard straight coupling	PGF32SC
63mm	Polyguard straight coupling	PGF63SC
25mm	Polyguard x 3/4" MBSP coupling	PGF25MTC
32mm	Polyguard x 1" MBSP coupling	PGF32MTC
63mm	Polyguard x 2" MBSP coupling	PGF63MTC
25mm	Polyguard x 3/4" FBSP coupling	PGF25FTC
32mm	Polyguard x 1" FBSP coupling	PGF32FTC
63mm	Polyguard x 2" FBSP coupling	PGF63FTC
25mm	Polyguard 90° elbow	PGF2590E
32mm	Polyguard 90° elbow	PGF3290E
63mm	Polyguard 90° elbow	PGF6390E
63mm	Polyguard 45° elbow	PGF6345E
25mm	Polyguard equal tee	PGF25T
32mm	Polyguard equal tee	PGF32T
63mm	Polyguard equal tee	PGF63T
25mm x 15mm	Polyguard to copper transition coupling	PGF2515TC
25mm x 22mm	Polyguard to copper transition coupling	PGF2522TC
25mm x 25mm	Polyguard to PE transition coupling	PGF2525TC
32mm x 32mm	Polyguard to PE transition coupling	PGF3232TC
63mm x 63mm	Polyguard to PE transition coupling	PGF6363TC

BENEFITS OF THE POLYPIPE POLYGUARD SYSTEM

- **Approved by the Secretary of State**
  included in the List of Approved Products
- **Approved for use in public water supplies**
- **WRAS Approval †**
  on the entire plastic Polyguard system, Certificate No: 1109035
- **High corrosion resistance**
  against exposure to ground source contaminants giving long term cost savings
- **Lightweight and flexible pipes**
- **Protective aluminium barrier**
  manufactured into all Polyguard pipes.
- **Added security and peace of mind**
  system security against on-site damage due to robust pipes and fittings. Minimal scrap value to deter on-site theft.
- **Extensive pipe range available**
  in 25mm, 32mm and 63mm in both coils and straight lengths.
- **New Plastic Fittings Available †**
  robust extended product range with plastic fittings
- **Conforms with Type A: WIS 4-32-19 Licence number KM526311**
  complete system independently tested and kitemarked to WIS 4-32-19
- **Complies with BS6920 Water Quality Testing**
- **Instant Identification**
  due to unique brown stripe marking on all Polyguard Pipes.
- **Efficient Installation**
  new plastic fittings make installation even easier than before.
- **Reduced Installation Costs**
  due to cost effective fittings and pipes plus easier installation
- **Comprehensive Range of Fittings**
  the new Polyguard Plastic Fittings are a comprehensive range of fittings for quick and easy installation including, Stopcocks, 32mm-25mm Reducers and additional Transition Couplers.
- **More robust fitting joints***
  with the new Viton Seal on the Polyguard Fittings range.

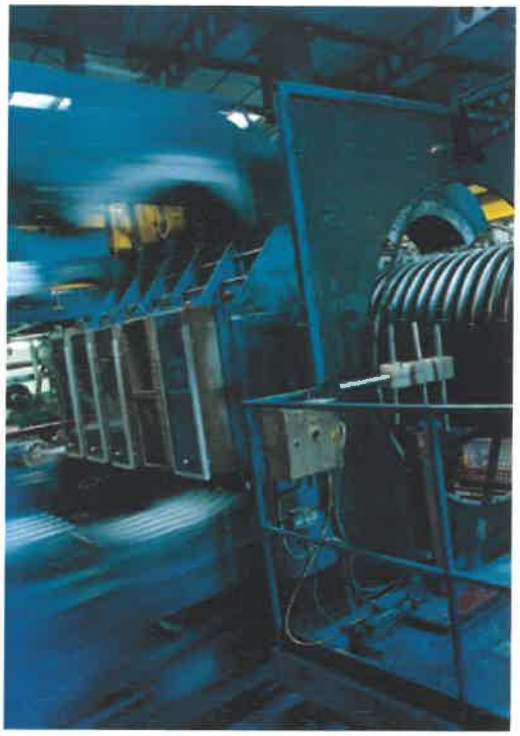






All images shown are for illustrative purposes only. All products are subject to availability. E & O E. all information is correct at the time of publication. Polypipe reserve the right to change or amend specification details without prior notice. It remains the users responsibility to determine the suitability of any product contained herein, are fit for the intended purpose

Product Update
Polyguard Range Plastic Fittings



Polypipe Ulster
Dromore Road
Lurgan, Craigavon
Co. Armagh
BT66 7HL
United Kingdom
Tel: +44 (0)28 38 881270
Fax: +44 (0)28 38 882344

Polypipe Building Products
2410 London Road
Mount Vernon
Glasgow
G32 8XZ
United Kingdom
Tel: +44 (0)141 778 8822
Fax: +44 (0)141 778 2703

Polypipe Building Products
Broomhouse Lane
Edlington
Doncaster
DN12 1ES
United Kingdom
Tel: +44 (0)1709 770 000
Fax: +44 (0)1709 770 001