

K I T E M A R K L I C E N C E



No. KM 06383

BSI hereby grants to:

Polypipe Building Products Ltd
Broomhouse Lane
Edlington
Doncaster
South Yorkshire
DN12 1ES
United Kingdom

In respect of:

**Plastics piping systems for non-pressure underground drainage and sewerage
- Unplasticized poly(vinyl chloride)(PVC-U)**

the right and Licence to use the Kitemark in accordance with the Kitemark Licence Conditions of Contract governing the use of the Kitemark, as may be updated from time to time by BSI, and as approved by the Registrar under the Trade Marks Act 1994 (the "Conditions"). All defined terms in this Licence shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s), manufactured at, or provided from, the address above and in conformity with the standard(s) detailed on the following pages.

For and on behalf of BSI:

Anne Boyd, Divisional Director, Product Services Operations



First granted: 10 Nov 1977

Date: 18 Jun 2004

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The licence remains the property of BSI and shall be returned immediately upon request. This licence does not expire. To check its validity telephone: +44 (0)1442 230442

BSI is incorporated by Royal Charter

BSI
Product Services

BSI Product Services

Maylands Avenue, Hemel Hempstead, Hertfordshire HP2 4SQ United Kingdom

Tel: +44 (0)1442 230442 Website: www.bsi-global.com

BSI Group Headquarters: 389 Chiswick High Road, London W4 4AL Tel: +44 (0)208 996 9000

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No. KM 06383

Polypipe Building Products Ltd

Doncaster

BS EN 1401-1:1998 Plastics piping systems for non-pressure underground drainage and sewerage – Unplasticized poly(vinyl chloride) (PVC-U)

Fittings listed on licence may be supplied in "Uponor" and "Floline" trade names

APPLICATION AREA UD, RATING SN4.

DESCRIPTION	NOMINAL SIZE (mm)			
	110	160	110	160
	PARAGON CODE NO.		POLYPIPE CODE NO.	
PLAIN ENDED PIPE				
3 METRE LENGTH	904	904	UG430	UG630
6 METRE LENGTH	905	905	UG460	UG660
INTEGRALLY SOCKET PIPE				
2 METRE LENGTH	906	-	-	-
3 METRE LENGTH	907	907	UG432	UG632
6 METRE LENGTH	908	908	UG462	UG662
COUPLERS				
DOUBLE SOCKET	910	910	UG401	UG601
SLIP DOUBLE SOCKET	911	911	UG401	UG601
BENDS (MOULDED)				
11¼° SINGLE SOCKET	980	-	UG408	-
11¼° DOUBLE SOCKET	981	-	UG407	-
15° SINGLE SOCKET	917	917	UG410	UG610
15° DOUBLE SOCKET	795	795	UG409	UG609
30° SINGLE SOCKET	918	918	UG468	UG668
30° DOUBLE SOCKET	796	796	UG467	UG667

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DESCRIPTION	NOMINAL SIZE (mm)			
	110	160	110	160
	PARAGON CODE NO.		POLYPIPE CODE NO.	
45° SINGLE SOCKET	919	919	UG404	UG604
45° DOUBLE SOCKET	989	989	UG403	UG603
BENDS (MOULDED) CONTINUED				
87½° SINGLE SOCKET	920	920	UG412	UG612
87½° DOUBLE SOCKET	964	964	UG411	UG611
87½° DOUBLE SOCKET REST	990	-	UG483	-
REDUCER SINGLE SOCKET	927	927	UG421	UG621
	<i>(82x110)</i>	<i>(110x160)</i>	<i>(82x110)</i>	<i>(110x160)</i>
SOCKET PLUG	930	930	UG420	UG620
EQUAL JUNCTIONS				
45° DOUBLE SOCKET	922	922	UG406	UG606
45° TRIPLE SOCKET	991	991	UG405	UG605
87½° DOUBLE SOCKET	923	923	UG424	UG624
87½° TRIPLE SOCKET	992	992	UG423	UG623
UNEQUAL JUNCTIONS				
45° DOUBLE SOCKET	-	925	-	UG636
45° TRIPLE SOCKET	-	982	-	UG635

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DESCRIPTION	PARAGON CODE NO.	POLYPIPE CODE NO.
200mm x 3m LENGTH PLAIN ENDED PIPE	UG830	904.200
250mm x 3m LENGTH PLAIN ENDED PIPE	UG1030	904.250
315mm x 3m LENGTH PLAIN ENDED PIPE	UG1230G	904.315
200mm x 6m LENGTH PLAIN ENDED PIPE	UG 860	905.200
250mm x 6m LENGTH PLAIN ENDED PIPE	UG1060	905.250
250mm x 6m LENGTH PLAIN ENDED PIPE	UG1260	905.315
200mm x 3m INTEGRALLY SOCKETED PIPE	UG832	907.200
250mm x 3m INTEGRALLY SOCKETED PIPE	UG1032	907.250
315mm x 3m INTEGRALLY SOCKETED PIPE	UG1232	907.315
200mm x 6m INTEGRALLY SOCKETED PIPE	UG862	908.200
250mm X 6m INTEGRALLY SOCKETED PIPE	UG1062	908.250
315mm x 6m INTEGRALLY SOCKETED PIPE	UG1262	908.315

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DESCRIPTION	PARAGON CODE NO.	POLYPIPE CODE NO.
200mm DOUBLE COUPLER	UG801	910.200
250mm COUPLER	UG1001	910.250
200mm x 15° SOCKET/SPIGOT BEND	UG810	917.200
200mm x 15° SOCKET/SOCKET BEND	UG809	975.200
200mm x 45° SOCKET/SPIGOT BEND	UG804	919.200
200mm x 45° SOCKET/SOCKET BEND	UG803	989.200

OTHER PIPES AND FITTINGS FOR THIS SYSTEM ARE ALSO MANUFACTURED BY
UPONOR SUOMI OY UNDER LICENCE KM 06486

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K I T E M A R K L I C E N C E



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Polypipe Building Products Ltd

Doncaster

BS 4660 : 1989 Unplasticized polyvinyl chloride (PVC-U) pipes and plastics fittings of nominal sizes 110 and 160 for below ground gravity drainage and sewerage

DESCRIPTION	NOMINAL SIZE (mm)			
	110	160	110	160
	PARAGON CODE NO.		POLYPIPE CODE NO.	
87½° DOUBLE SOCKET	-	921	-	UG644
87½° TRIPLE SOCKET	-	993	-	UG643
110 x 32 mm WASTE ADAPTOR	967	-	UG455	-
110 x 40 mm WASTE ADAPTOR	968	-	UG456	-
110 x 50 mm WASTE ADAPTOR	969	-	UG457	-
110 x 32 x 40 mm WASTE ADAPTOR	970	-	UG461	-
110 x 40 x 40 mm WASTE ADAPTOR	971	-	UG492	-
CHANNEL FITTINGS	110	160	-	-
CHANNEL PIPE	932	932	UG447	UG647
45° RIGHT HAND BEND	941	-	UG451R	-
45° LEFT HAND BEND	942	-	UG451L	-
90° RIGHT HAND BEND	943	-	UG450R	-
90° LEFT HAND BEND	944	-	UG450L	-

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DESCRIPTION	NOMINAL SIZE (mm)			
	110	160	110	160
	PARAGON CODE NO.		POLYPIPE CODE NO.	
COUPLER	946	-	UG449	-
CONNECTOR	960	-	UG448	-
45° RIGHT HAND JUNCTION	950	-	UG453R	-
45° LEFT HAND JUNCTION	951	-	UG453L	-
90° RIGHT HAND JUNCTION	954	-	UG452R	-
90° LEFT HAND JUNCTION	955	-	UG452L	-
ADAPTOR TO C.I. OR CLAY SOCKET	966	966	UG464	UG664
ADAPTOR TO C.I. OR CLAY SPIGOT	965	-	UG463	-

PRODUCTS TO BE MARKED "POLYPIPE" OR "PARAGON" AS SHOWN.

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