

# Kitemark<sup>®</sup> Licence



No. KM 07091

*BSI hereby grants to:*

**Wavin UK (Holdings)Ltd  
Hazlehead  
Crow Edge  
Sheffield  
S36 4HG  
United Kingdom**

*In respect of:*

**BS 4660 / BS EN 1401-1**

**Plastic piping systems for non-pressure underground drainage**

*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) detailed on this Licence provided at or from the above address.*

*For and on behalf of BSI:*



David Ford, Director, Healthcare and Testing Services

First granted: 25 Jan 1983

Date: 11 Nov 2009

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# Kitemark<sup>®</sup> Licence



No. KM 07091

Wavin UK (Holdings)Ltd

Sheffield

**BS EN 1401 - 1**

**BS 4660**

**Plastics piping systems for non-pressure underground drainage and sewerage**

Details of all products covered by this Kitemark Licence are listed on the Kitemark Schedule Document KMSCH 07091 Issue 2.

First granted: 25 Jan 1983

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**SCHEDULE OF PRODUCTS COVERED BY KITEMARK LICENCE NUMBER KM07091**

**Document number: KMSCH07091-Iss2**

**Production Location:** Meadowfield Ind. Estate, Brandon, County Durham DH7 8RJ  
 or Parsonage Way, Chippenham, Wiltshire, SN15 5PN

BS EN 1401-1:2009 Plastic piping systems for non-pressure underground drainage and sewerage. Unplasticized poly(vinyl chloride) (PVC-U). Part 1: Specifications for pipes, fittings and the system.

Description of Product:	Product Code	
	110 mm	160 mm
P/E Pipe 3m	4D073	6D073
P/E Pipe 6m	4D076	6D076

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

Description of Product:	Product Code	
	110 mm	160 mm
P/E Perforated Pipe 6m	4D066	6D066

**Document number: KMSCH07091-Iss2**

**Production Location:** Meadowfield Ind. Estate, Brandon, County Durham DH7 8RJ  
or Parsonage Way, Chippenham, Wiltshire, SN15 5PN

BS EN 1401-1:2009 Plastic piping systems for non-pressure underground drainage and sewerage. Unplasticized poly(vinyl chloride) (PVC-U). Part 1: Specifications for pipes, fittings and the system.

<b>Description of Product:</b>	<b>Product Code</b>	
	<b>110 mm</b>	<b>160 mm</b>
P/E Pipe 3m	4P01A3	6P01A3
P/E Pipe 6m	4P01A6	6P01A6
Single Socketed Pipe 3m	4P01E3	6P01B3
Single Socketed Pipe 6m	4P01E6	6P01B6

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

<b>Description of Product:</b>	<b>Product Code</b>	
	<b>110 mm</b>	<b>160 mm</b>
P/E Perforated Pipe 6m	4P01C6	6P01C6

**Document number: KMSCH07091-Iss2**

**Production Location:** Parsonage Way, Chippenham, Wiltshire, SN15 5PN  
or Edlington Lane, Edlington, Doncaster, DN12 1BY

BS EN 1401-1:2009 Plastic piping systems for non-pressure underground drainage and sewerage. Unplasticized poly(vinyl chloride) (PVC-U). Part 1: Specifications for pipes, fittings and the system.

Description of Product:	Product Code	
	110 mm	160 mm
D/S Slip Coupler	4D105	6D105
S/SW Coupler	4D124	6D124
S/S Short Radius Bend 87 ½°	4D161	6D161
S/S Short Radius Bend 67 ½°	4D162	
S/S Short Radius Bend 45°	4D163	6D163
S/S Short Radius Bend 30°	4D166	6D166
S/S Short Radius Bend 15°	4D167	6D167
S/S Short Radius Bend 11 ½°	4D168	
S/S Long Radius Bend 87 ½°	4D181	
S/S Long Radius Bend 45°	4D183	
S/S Equal Junction 87 ½°	4D190	6D190
D/S Equal Junction 87 ½°	4D193	6D193
S/S Unequal Junction 87 ½°		6D198
D/S Unequal Junction 87 ½°		6D199
D/S Pipe Coupler	4D205	6D025
S/S Equal Junction 45°	4D210	6D210
D/S Equal Junction 45°	4D213	6D213
S/S Unequal Junction 45°		6D218
D/S Unequal Junction 45°		6D219
P/E Socket Plug	4D296	
P/E Socket Plug (Open)	4D297	
D/S Short Radius Bend 87 ½°	4D561	6D561
D/S Short Radius Bend 67 ½°	4D562	
D/S Short Radius Bend 45°	4D563	6D563
D/S Short Radius Bend 30°	4D566	6D566
D/S Short Radius Bend 15°	4D567	6D567
D/S Short Radius Bend 11 ¼°	4D568	

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D/S Long Radius Bend 87 1/2°	4D581	
D/S Long Radius Bend 45°	4D583	
S/S Bossed Pipe	4D589	

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BS EN 1401-1:2009 Plastic piping systems for non-pressure underground drainage and sewerage. Unplasticized poly(vinyl chloride) (PVC-U). Part 1: Specifications for pipes, fittings and the system.

Description of Product:	Product Code	
	110 mm	160 mm
Coupling	4P02B	6P02B
Repair Coupling	4P02C	6P02C
Single Socket	4P02D	
Bend 87 ¼° Single Socket	4P03A	
Bend 87 ¼° Double Socket	4P03B	6P03B
Bend 45° Single Socket	4P04A	
Bend 45° Double Socket	4P04B	6P04B
Bend 22 ½° Single Socket	4P05A	
Bend 22 ½° Double Socket	4P05B	6P05B
Bend 11 ¼° Single Socket	4P06A	
Bend 11 ¼° Double Socket	4P06B	6P06B
Bend 87 ½° Long Radius	4P07B	6P07F
Junction 87 ½° Swept	4P08B	
Junction 87 ½° Triple Socket	4P08C	6P08C
Junction 45° Double Socket	4P09B	
Junction 45° Triple Socket	4P09C	6P09C
Unequal Junction 87 ½° Triple Socket		6P08F
Unequal Junction 45° Triple Socket		6P09F
Stopper		6P10A
Level Invert Reducer (Double Socket)		6P11B
Level Invert Reducer (Spigot Socket)	4P11A	6P22A
Adaptor to Socket (Mortar Joint)	4A01A	
Adaptor to Stoneware/Cast Iron Spigot	4A09A	
Lowback P Trap	4T10C	

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BS EN 1401-1:2009 Plastic piping systems for non-pressure underground drainage and sewerage — Unplasticized poly(vinyl chloride) (PVC-U). Part 1: Specifications for pipes, fittings and the system

**KG Sewer Fittings**

**Production Location:** Parsonage Way, Chippenham, Wiltshire, SN15 5PN, Wavin Poland and Wavin Holland

Description of Product	Product Code			
	160 mm	200 mm	250 mm	315 mm
Double Socket	3062683426 <i>(3062683430)</i>	3064683826 <i>(3062683431)</i>	1220025000 3046501250	1220031000 3046501315
Repair Socket	3062663426 <i>(3062683432)</i>	3064663826 <i>(3062683433)</i>	1210225000 3046200250	1210231000 3046200315
Bend 45° (Socket – Spigot)	3062323442 <i>(3062683436)</i>	3064323842 <i>(3062683437)</i>	03065707	03065740
Bend 88° (Socket – Spigot)	3062323482 <i>(3062323582)</i>	3064323882 <i>(3062683435)</i>	03065715	03065758
Equal Tee 45° (2 x Socket – 1 x Spigot)	3062423404 <i>(3062423504)</i>	3064423804 <i>(3062683440)</i>	03066126	3046301546
Equal Tee 88° (2 x Socket – 1 x Spigot)	3062423408 <i>(3062423508)</i>	03066037	03066134	3046301588
Unequal Tee 45° (2 x Socket – 1 x Spigot) 160 mm x 110 mm branch	3062423414 <i>(3062423514)</i>			
Unequal Tee 88° (2 x Socket – 1 x Spigot) 160 mm x 110 mm branch	03065910			
Unequal Tee 45° (2 x Socket – 1 x Spigot) 200 mm x 160 mm branch		3064423814 <i>(3062683446)</i>		
Unequal Tee 88° (2 x Socket – 1 x Spigot) 200 mm x 160 mm branch		03066010		
Unequal Tee 45° (2 x Socket – 1 x Spigot) 250 mm x 160 mm branch			03066088	
Unequal Tee 88° (2 x Socket – 1 x Spigot) 250 mm x 160 mm branch			03066096	

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Unequal Tee 45° (2 x Socket – 1 x Spigot) 250 mm x 200 mm branch			03066100	
Unequal Tee 88° (2 x Socket – 1 x Spigot) 250 mm x 200 mm branch			03066118	
Unequal Tee 45° (2 x Socket – 1 x Spigot) 315 mm x 160 mm branch				03066185
Unequal Tee 88° (2 x Socket – 1 x Spigot) 315 mm x 160 mm branch				3046306088
Unequal Tee 45° (2 x Socket – 1 x Spigot) 315 mm x 200 mm branch				3046300045
Unequal Tee 88° (2 x Socket – 1 x Spigot) 315 mm x 200 mm branch				3046300087
Unequal Tee 45° (2 x Socket – 1 x Spigot) 315 mm x 250 mm branch				3046305045
Unequal Tee 88° (2 x Socket – 1 x Spigot) 315 mm x 250 mm branch				3046305087
Reducer 160 mm (spigot) X 110 mm (socket)	3062543412 <i>(3062683443)</i>			
Reducer 200 mm (spigot) X 160 mm (socket)		3064543812 <i>(3062683444)</i>		
Socket Plug	3062703406 <i>(3062683441)</i>	3064603806 <i>(3062683442)</i>	3064604206	3064604606

*Note – The above Product Codes in italic text are for identical products which are supplied packaged in a box.*

**Document number: KMSCH07091-Iss2**

**Production Location:** Parsonage Way, Chippenham, Wiltshire, SN15 5PN  
or Edlington Lane, Edlington, Doncaster, DN12 1BY

BS 4660:2000 Thermoplastics ancillary fittings of nominal sizes 110 and 160 for below ground gravity drainage and sewerage

<b>Description of Product:</b>	<b>Product Code</b>	
	<b>110 mm</b>	<b>160 mm</b>
S/S Adaptor to Clay Socket	4D107	6D107
S/S Adaptor - Connector	4D128	6D128
S/S Short Radius Access Bend 87 ½°	4D169	-
S/S Access Pipe	4D274	6D274
S/S Screwed Access Cover	4D290	6D290
P/E Screwed Access Cover	4D292	6D292
S/S Inspection Pipe	4D420	-
S/S Equal Double Inspection Junction	4D492	-
D/S Short Radius Access Bend 87 ½°	4D569	-
D/S LR Channel Bend 90°	4D585	6D585
D/S LR Channel Bend 45°	4D587	6D587
D/S Equal Access Junction 87 ½°	4D593	-
S/S LH Channel Branch Bend 45°	-	6D780
S/S RH Channel Branch Bend 45°	-	6D781
S/S LH Channel Branch Bend 87 ½°	-	6D784
S/S RH Channel Branch Bend 87 ½°	-	6D785
S/S LH Channel Bend - Long	4D787	-
S/S RH Channel Bend - Long	4D788	-
S/W ½ S LH Channel Junction - 87 ½°	4D792	-
S/W ½ S RH Channel Junction - 87 ½°	4D793	-
S/W ½ S Half Connector	4D864	-
S/W ½ S Channel Access Pipe	4D868	-
P/E Channel Access Pipe	4D874	6D874

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**Document number: KMSCH07091-Iss2**

**Production Location:** Parsonage Way, Chippenham, Wiltshire, SN15 5PN

or Edlington Lane, Edlington, Doncaster, DN12 1BY

BS 4660:2000 Thermoplastics ancillary fittings of nominal sizes 110 and 160 for below ground gravity drainage and sewerage

<b>Description of Product:</b>	<b>Product Code</b>	
	<b>110 mm</b>	<b>160 mm</b>
Manhole Connector	4C01A	
Channel Coupling	4C02A	
Channel Bend 87 ½° (Left Hand)	4C03AL	6C03B
Channel Bend 87 ½° (Right Hand)	4C03AR	
Channel Bend 45° (Right Hand)	4C04AR	6C04B
Channel Bend 45° (Left Hand)	4C04AL	
Channel Bend 87 ½° Long Radius	4C07B	6C07F
Equal Channel Junction 87 ½° Swept Left Hand	4C08BL	6C08CL
Equal Channel Junction 87 ½° Swept Right Hand	4C08BR	6C08CR
Equal Channel Junction 45° Left Hand	4C09BL	6C09CL
Equal Channel Junction 45° Right Hand	4C09BR	6C09CR
Unequal Channel Junction 90° Swept Left Hand		6C08FL
Unequal Channel Junction 90° Swept Right Hand		6C08FR
Unequal Channel Junction 45° Left Hand		6C09FL
Unequal Channel Junction 45° Right Hand		6C09FR
Access Pipe	4A11A	
Thread Access Plug and Cap	4A21A	