



A Guide to Compliance

Gravity Sewer Materials



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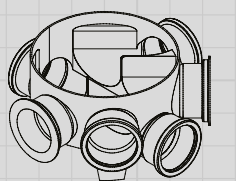
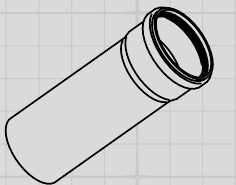
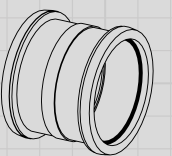
Largest privately
owned manufacturer
of plastic building
products in Ireland

**Mallusk,
Co. Antrim**



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Irish Building Regulations Part H 2010

Drainage and Waste Water Disposal

This is the current relevant section of the Irish Building Regulations relating to drainage material and requirements. It sets out what materials can be used and what minimum standards should apply to these materials.

The two tables below taken from the current Building Regulations Part H 2010 clearly outline the materials and applicable standards that must be met when installing drainage and waste water systems.

Brett Martin can supply uPVC Pipe and Fittings that conform to IS EN 1401 or IS EN 13476-2 and Access and Inspection Chambers to IS EN 13598-1.

Table 7

Materials for below ground gravity drainage	
Material	Irish/British Standard
Rigid pipes	
Fibre cement	IS EN 588-1
Vitrified clay	IS EN 295
	BS 65
Concrete	IS 6
	BS 5911
	IS EN 1916
	and for surface water drainage only
	IS 166
Grey iron	IS 262
	BS 437
Ductile iron	IS EN 598
	IS 262
Flexible pipes	
uPVC	BS 4660
	IS EN 1401-1
	BS ISO 4065
PP	IS EN 1852
Structure walled plastic pipe	IS EN 13476

Note: Some of these materials may not be suitable for conveying trade effluent.

Other pipe such as those manufactured to Local Government Regulation LG4-78 may be supplied under Part D Section 1 Clause 1.1.(c) as below.

"Performance in use, ie that the material can be shown by experience, such as its use in a substantial similar way in an existing building, to be capable of enabling the building to satisfy the relevant functional requirements of the Building Regulations."

Table 11

Materials for access points	
Material	Irish/British Standard
Inspection chambers and manholes	
Bricks and blocks	IS EN 771-1 & 3
Vitrified clay	BS 65
	IS EN 295
Concrete	
Precast	IS 6
	IS 166
	IS EN 1916
	IS EN 1917
	IS 420
In situ	IS EN 206-1
Plastics	IS EN 13598-1
Rodding eyes and access fittings (excluding frames and covers)	As pipes, see Table 7

Irish Water Connections and Developer Services

Code of Practice for Wastewater Infrastructure

(a design and construction guide for developers)

July 2020

Document IW - CDS - 5030-03

(Revision 2 July 2020)

Irish Water has published a Code of Practice as a guide to developers for connection to the Irish Water Network which can be viewed on the Irish Water website (www.water.ie). This guide has raised some questions in regards to the material types to be used for Gravity Sewer Pipe to be adopted by Irish Water in the future.

Under Clause 3.13 for plastic pipe in sizes from ID 150mm to ID 450mm (with service connections of ID 100mm), they have introduced the following requirements:

1. Solid wall pipes shall comply with IS EN 1401-1 and structured wall pipes shall comply with IS EN 13476.
2. Pipes to be of stiffness class **8kN/m²** generally referred to as **SN8**.
3. Pipe fittings may have a stiffness class of **4kN/m²** generally referred to as **SN4**.

Pipes are to be capable of demonstrating a jetting resistance of 2,600 psi (180 Bar) without damage.

Brett Martin's Approved Sewer & Drainage System is certified to relevant European Standards and includes SN4 and SN8 pipe in 110mm and 160mm diameters, together with a comprehensive range of fittings including couplers, bends, chambers and junctions which are also manufactured to or certified to European Standards.

Brett Martin can also offer an alternative piping system for the Grey Water line which does not fall under the control of Irish Water.



PART NO.	DESCRIPTION	STANDARD	THIRD PARTY CERTIFICATION	BUILDING REGULATIONS	IW- CDS -5030-03
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Pipes

4001 SN4	110mm x 3m Plain End Pipe SN4	BS EN 13476-2	KM702415	Part H Sect 1.3.6 Table 7	-
4011 SN4	110mm x 6m Plain End Pipe SN4	BS EN 13476-2	KM702415	Part H Sect 1.3.6 Table 7	-
4403 SN4	110mm x 3m Single Socket Pipe SN4	BS EN 13476-2	KM702415	Part H Sect 1.3.6 Table 7	-
4406 SN4	110mm x 6m Single Socket Pipe SN4	BS EN 13476-2	KM702415	Part H Sect 1.3.6 Table 7	-
4001 SN8	110mm x 3m Plain End Pipe SN8	BS EN 1401:2019 or BS EN 13476-2	KM57368 or KM702415	Part H Sect 1.3.6 Table 7	Clause 3.13.2 or 3.13.3
4011 SN8	110mm x 6m Plain End Pipe SN8	BS EN 1401:2019 or BS EN 13476-2	KM57368 or KM702415	Part H Sect 1.3.6 Table 7	Clause 3.13.2 or 3.13.3
4403 SN8	110mm x 3m Single Socket Pipe SN8	BS EN 1401:2019 or BS EN 13476-2	KM57368 or KM702415	Part H Sect 1.3.6 Table 7	Clause 3.13.2 or 3.13.3
4406 SN8	110mm x 6m Single Socket Pipe SN8	BS EN 1401:2019 or BS EN 13476-2	KM57368 or KM702415	Part H Sect 1.3.6 Table 7	Clause 3.13.2 or 3.13.3
6001 SN4	160mm x 3m Plain End Pipe SN4	BS EN 1401:2019 or BS EN 13476-2	KM57368 or KM702415	Part H Sect 1.3.6 Table 7	-
6011 SN4	160mm x 6m Plain End Pipe SN4	BS EN 1401:2019 or BS EN 13476-2	KM57368 or KM702415	Part H Sect 1.3.6 Table 7	-
6603 SN4	160mm x 3m Single Socket Pipe SN4	BS EN 1401:2019 or BS EN 13476-2	KM57368 or KM702415	Part H Sect 1.3.6 Table 7	-
6606 SN4	160mm x 6m Single Socket Pipe SN4	BS EN 1401:2019 or BS EN 13476-2	KM57368 or KM702415	Part H Sect 1.3.6 Table 7	-
6001 SN8	160mm x 3m Plain End Pipe SN8	BS EN 1401:2019 or BS EN 13476-2	KM57368 or KM702415	Part H Sect 1.3.6 Table 7	Clause 3.13.2 or 3.13.3
6011 SN8	160mm x 6m Plain End Pipe SN8	BS EN 1401:2019 or BS EN 13476-2	KM57368 or KM702415	Part H Sect 1.3.6 Table 7	Clause 3.13.2 or 3.13.3
6603 SN8	160mm x 4.7mm x 3m Single Socket Pipe SN8	BS EN 1401:2019 or BS EN 13476-2	KM57368 or KM702415	Part H Sect 1.3.6 Table 7	Clause 3.13.2 or 3.13.3
6606 SN8	160mm x 4.7mm x 6m Single Socket Pipe SN8	BS EN 1401:2019 or BS EN 13476-2	KM57368 or KM702415	Part H Sect 1.3.6 Table 7	Clause 3.13.2 or 3.13.3
20300	200mm x 3m Plain End Pipe SN4	BS EN 1401:2019 or BS EN 13476-2	KM57370 or KM702415	Part H Sect 1.3.6 Table 7	-
20600	200mm x 6m Plain End Pipe SN4	BS EN 1401:2019 or BS EN 13476-2	KM57370 or KM702415	Part H Sect 1.3.6 Table 7	-
20003	200mm x 3m Single Socket Pipe SN4	BS EN 1401:2019 or BS EN 13476-2	KM57370 or KM702415	Part H Sect 1.3.6 Table 7	-
20006	200mm x 6m Single Socket Pipe SN4	BS EN 1401:2019 or BS EN 13476-2	KM57370 or KM702415	Part H Sect 1.3.6 Table 7	-
25300	250mm x 3m Plain End Pipe SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	-
25600	250mm x 6m Plain End Pipe SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	-
25003	250mm x 3m Single Socket Pipe SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	-
25006	250mm x 6m Single Socket Pipe SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	-
31300	315mm x 3m Plain End Pipe SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	-
31600	315mm x 6m Plain End Pipe SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	-

GLOSSARY

Building Regulations: Technical Guidance Document H 2010
IW-CDS-5030-03: Irish Water Code of Practice for Wastewater Infrastructure

PART NO.	DESCRIPTION	STANDARD	THIRD PARTY CERTIFICATION	BUILDING REGULATIONS	IW- CDS -5030-03
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Pipes

31003	315mm x 3m Single Socket Pipe SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	-
31006	315mm x 6m Single Socket Pipe SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	-
40003	400mm x 3m Single Socket Pipe SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	-
40006	400mm x 6m Single Socket Pipe SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	-
40300	400mm x 3m Plain End Pipe SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	-
40600	400mm x 6m Plain End Pipe SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	-

Access & Inspection Chambers

3156	315mm Chamber Base 190mm Invert (inc 2 Socket Plugs)	BS EN 13598-1:2020	KM635998	Part H Sect 1.3.8.8 Table 11	-
3157	315mm Chamber Riser 185mm Invert (inc Seal)	BS EN 13598-1:2020	KM635998	Part H Sect 1.3.8.8 Table 11	-
4500	450mm x 110mm Chamber Base 225mm Invert (inc 3 Socket Plugs)	BS EN 13598-1:2020	KM635998	Part H Sect 1.3.8.8 Table 11	-
4502	450mm x 110mm Chamber Riser 300mm Invert (inc Seal)	BS EN 13598-1:2020	KM635998	Part H Sect 1.3.8.8 Table 11	-
4506	450mm x 160mm Chamber Base 255mm Invert (inc 3 Socket Plugs)	BS EN 13598-1:2020	-	-	-
6210	600mm x 160mm/150mm Adoptable Chamber Straight	BS EN 13598-2	KM667428	-	Clause 3.11.14

Brett Martin's 315mm and 450mm access and inspection chambers to EN 13598-1



Manufactured to comply

When you choose Brett Martin you can be guaranteed that your underground products for gravity sewer drainage will comply with Irish Building Regulations and Irish Water's Code of Practice.

ISO 9001 Quality Management

BSI Kitemark

BSI Kitemark

BSI Kitemark

PART NO.	DESCRIPTION	STANDARD	THIRD PARTY CERTIFICATION	BUILDING REGULATIONS	IW- CDS -5030-03
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Fittings

4031	110mm x 87½° Double Socket Bend SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
4041	110mm x 45° Double Socket Bend SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
4051	110mm x 22½° Double Socket Bend SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
4061	110mm x 11¼° Double Socket Bend SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
4071	110mm x 67½° Double Socket Bend SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
4081	110mm x 87½° Triple Socket Branch SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
4091	110mm x 45° Triple Socket Branch SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
4131	110mm x 87½° D/S Rest Bend (Long Radius) SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
4901	110mm x Universal Adaptor (Socket) SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
5001	110mm x Double Socket PVC Coupler SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
5001S	110mm x Double Socket PVC Slip Coupler SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
5011	110mm x Single Socket Coupler SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
5041	110mm x 87½° Single Socket Bend SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
5051	110mm x 67½° Single Socket Bend SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
5061	110mm x 45° Single Socket Bend SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
5071	110mm x 22½° Single Socket Bend SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
5081	110mm x 11¼° Single Socket Bend SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
5091	110mm x Screw Access Cover SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
5101	110mm x 87½° Double Socket Branch SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
5111	110mm x 45° Double Socket Branch SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
5121	110mm x Socket Plug SN8	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
6031	160mm x 87½° Double Socket Bend SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
6041	160mm x 45° Double Socket Bend SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
6051	160mm x 22½° Double Socket Bend SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
6061	160mm x 11¼° Double Socket Bend SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
6071	160mm x 67½° Double Socket Bend SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
6081	160mm x 160mm x 87½° Triple Socket Branch SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
6091	160mm x 160mm x 45° Triple Socket Branch SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7001	160mm Double Socket PVC Coupler SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7001S	160mm Double Socket PVC Slip Coupler SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7002	110mm x 45° Solvent Weld Saddle Branch SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7003	160mm x 110mm x 45° Solvent Weld Saddle Branch SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3

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Fittings

7007	110mm x 87½° Solvent Weld Saddle Branch SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7008	160mm x 110mm x 87½° Solvent Weld Saddle Branch SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7009	160mm x 160mm x 87½° Solvent Weld Saddle Branch SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7011	160mm Single Socket Coupler SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7041	160mm x 87½° Single Socket Bend SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7051	160mm x 67½° Single Socket Bend SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7061	160mm x 45° Single Socket Bend SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7091	160mm x 110mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7092	160mm x 110mm x 87½° Triple Socket Branch SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7101	160mm x 110mm x 45° Double Socket Branch SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7102	160mm x 110mm x 45° Triple Socket Branch SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7111	160mm x 160mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7121	160mm x 160mm x 45° Double Socket Branch SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7131	110mm x Single Socket Level Invert Reducer SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7171	160mm x 22½° Single Socket Bend SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
7181	160mm x 11¼° Single Socket Bend SN4	BS EN 1401:2019	KM57368	Part H Sect 1.3.6 Table 7	Clause 3.13.3
20015	200mm x 15° Single Socket Bend SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
20021	200mm Double Socket PVC Coupler SN4	BS EN 1401:2019	KM 62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
20022	Double Socket PVC (Slip) Coupler 200mm SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
20030	200mm x 30° Single Socket Bend SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
20110	200mm x 110mm x 45° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
20112	200mm Single Socket Level Invert Reducer SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
20118	200mm x 110mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
20141	200mm Socket Plug SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
20160	200mm x 160mm x 45° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
20168	200mm x 160mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
20200	200mm x 200mm x 45° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
20208	200mm x 200mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3

PART NO.	DESCRIPTION	STANDARD	THIRD PARTY CERTIFICATION	BUILDING REGULATIONS	IW - CDS -5030-03
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Fittings

20450	200mm x 45° Single Socket Bend SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
20870	200mm x 87½° Single Socket Bend SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
25015	250mm x 15° Single Socket Bend SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
25021	250mm Double Socket PVC Coupler SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
25022	250mm Double Socket PVC (Slip) Coupler SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
25030	250mm x 30° Single Socket Bend SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
25110	250mm x 110mm x 45° Double Socket Branch SN4	BS EN 1401:2019	DIN EN 1401 - K 1587/12.14	Part H Sect 1.3.6 Table 7	Clause 3.13.3
25113	250mm Single Socket Level Invert Reducer SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
25118	250mm x 110mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	DIN EN 1401 - K 1587/12.14	Part H Sect 1.3.6 Table 7	Clause 3.13.3
25141	250mm Socket Plug SN4	BS EN 1401:2019	BENOR EN1401 - BB-651-3975-1401.C1-2-3D1-2-3975-18332	Part H Sect 1.3.6 Table 7	Clause 3.13.3
25160	250mm x 160mm x 45° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
25168	250mm x 160mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
25200	250mm x 200mm x 45° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
25208	250mm x 200mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
25250	250mm x 250mm x 45° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
25258	250mm x 250mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
25450	250mm x 45° Single Socket Bend SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
25870	250mm x 87½° Single Socket Bend SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
31015	315mm x 15° Single Socket Bend SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
31021	315mm Double Socket PVC Coupler SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
31022	315mm Double Socket PVC (Slip) Coupler SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
31030	315mm x 30° Single Socket Bend SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
31110	315mm x 110mm x 45° Double Socket Branch SN4	BS EN 1401:2019	DIN EN 1401 - K 1587/12.14	Part H Sect 1.3.6 Table 7	Clause 3.13.3
31114	315mm Single Socket Level Invert Reducer SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
31118	315mm x 110mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	DIN EN 1401 - K 1587/12.14	Part H Sect 1.3.6 Table 7	Clause 3.13.3
31141	315mm Socket Plug SN4	BS EN 1401:2019	BENOR EN1401 - BB-651-3975-1401.C1-2-3D1-2-3975-18332	Part H Sect 1.3.6 Table 7	Clause 3.13.3
31160	315mm x 160mm x 45° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
31168	315mm x 160mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3

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Fittings

31200	315mm x 200mm x 45° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
31208	315mm x 200mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
31250	315mm x 250mm x 45° Double Socket Branch SN4	BS EN 1401:2019	-	Part H Sect 1.3.6 Table 7	-
31258	315mm x 250mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	-	Part H Sect 1.3.6 Table 7	-
31315	315mm x 315mm x 45° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
31318	315mm x 315mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
31450	315mm x 45° Single Socket Bend SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
31870	315mm x 87½° Single Socket Bend SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
40015	400mm x 15° Single Socket Bend SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
40021	400mm Double Socket PVC Coupler SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
40022	400mm Double Socket PVC (Slip) Coupler SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
40030	400mm x 30° Single Socket Bend SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
40110	400mm x 110mm x 45° Double Socket Branch SN4	BS EN 1401:2019	-	Part H Sect 1.3.6 Table 7	-
40115	400mm Single Socket Level Invert Reducer SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
40118	400mm x 110mm x 87.5° Double Socket Branch SN4	BS EN 1401:2019	-	Part H Sect 1.3.6 Table 7	-
40141	400mm Socket Plug SN4	BS EN 1401:2019	BENOR EN1401 - BB-651-3975-1401.C1-2-3D1-2-3975-18332	Part H Sect 1.3.6 Table 7	Clause 3.13.3
40160	400mm x 160mm x 45° Double Socket Branch SN4	BS EN 1401:2019	-	Part H Sect 1.3.6 Table 7	-
40168	400mm x 160mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	-	Part H Sect 1.3.6 Table 7	-
40200	400mm x 200mm 45° Double Socket Branch SN4	BS EN 1401:2019	-	Part H Sect 1.3.6 Table 7	-
40208	400mm x 200mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	-	Part H Sect 1.3.6 Table 7	-
40250	400mm x 250mm x 45° Double Socket Branch SN4	BS EN 1401:2019	-	Part H Sect 1.3.6 Table 7	-
40258	400mm x 250mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	-	Part H Sect 1.3.6 Table 7	-
40315	400mm x 315mm x 45° Double Socket Branch SN4	BS EN 1401:2019	-	Part H Sect 1.3.6 Table 7	-
40318	400mm x 315mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	-	Part H Sect 1.3.6 Table 7	-
40400	400mm x 400mm x 45° Double Socket Branch SN4	BS EN 1401:2019	-	Part H Sect 1.3.6 Table 7	-
40408	400mm x 400mm x 87½° Double Socket Branch SN4	BS EN 1401:2019	-	Part H Sect 1.3.6 Table 7	-
40450	400mm x 45° Single Socket Bend SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3
40870	400mm x 87½° Single Socket Bend SN4	BS EN 1401:2019	KM62295	Part H Sect 1.3.6 Table 7	Clause 3.13.3

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