



Wavin Ireland Trade catalogue May 2023

Above and below ground systems



An Orbia business.

Guaranteed
Irish



Wavin above & below ground systems



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Celebrating 65 Years in Ireland as we look to the future

1958

1958 was a big year! Elvis was top of the charts with Jailhouse Rock, NASA was formed and the microchip was invented.

Closer to home, it was a big year for Ireland too. With the support of the Irish Government and the then Minister for Industry, Sean Lemass, and the Irish Development Agency (IDA), David McIlvenna and Tom McMahon brought Wavin to Ireland to help to solve one of the great challenges of the day – delivering safe drinking water to Ireland's growing population.

Wavin Ireland began life in a small industrial unit in Drumcondra before moving to our current site in Balbriggan where we employ over 60 people in Manufacturing, Sales & Marketing, Technical Support, Finance and Administration.

As we **celebrate 65 years in Ireland**, we are so proud of our history and the contribution we have made to the country. We're delighted to celebrate our continued innovation and to keep focused on our purpose of building healthy, sustainable cities. As part of the global Wavin Group, we are helping to tackle some of world's biggest challenges: water supply, sanitation, climate resilient cities and building performance.



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We are all too aware that climate change is no longer something we can afford to just talk about. We are seeing its affects globally as our cities get hotter and what were once one in a century weather events are impacting us on a regular basis. Creating more sustainable products and providing more sustainable solutions to the engineers, architects and contractors that create our towns and cities is at the forefront of Wavin's agenda.

Our sustainability journey began long before sustainability became mainstream for businesses.

In the 1990's, Wavin became the first in the industry to use recyclate and the journey has continued as the company evolves and looks towards the future.

At Wavin Ireland, the sustainability promise extends across products, processes, and community involvement. We are committed to **reaching carbon net zero status by 2050**. Our goal is to lead the industry in sustainability by 2025 and we are committed to help reduce emissions in the built environment.

In recent years, we have introduced several new product innovations that build on our commitment to sustainability.

An innovative wastewater system designed to outperform all other systems on the market in terms of reducing noise levels. **Wavin AS+** is the ideal solution for tackling noise pollution in multi-occupancy developments, such as apartments, hotels, hospitals, nursing homes, libraries and offices. Wavin AS+ achieves optimal reduction of airborne sound due to its high mass and wall thickness, and of structure-borne sound, thanks to the low elastic-modulus of its flexible PP material and the specially designed brackets

Our TreeTanks provide solutions to support climate resilient cities, allowing trees to flourish in urban environments.

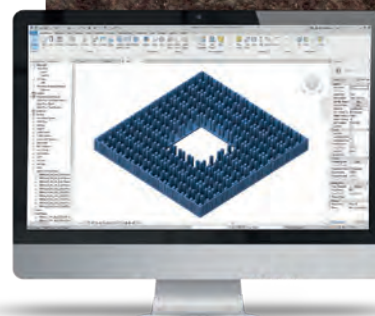
The TreeTank ensures trees can be easily and effectively integrated into urban areas without disrupting vital infrastructure. Delivering nutrients and water to trees, the product allows for the greening up and cooling of cityscapes, vital as our cities manage the challenge of increasing temperatures.

EPDs

Environmental product declarations

To enable building designers, planners, contractors and developers to adopt more sustainable solutions and enhance the sustainability credentials of their projects, Wavin has just launched environmental product declarations (EPDs) for its products. This represents a significant step in realising a sustainable value chain for the European construction industry and Wavin's continuous commitment to drive sustainability within the industry.

Reaching carbon net zero status by 2050



Wavin systems innovation

In terms of systems innovation, Wavin developed **Recycore® Technology**, an innovative and state-of-the-art manufacturing process developed to reduce the use of virgin materials, by using at least 50% recycled content yet ensuring the same high performance and handling characteristics that customers of its virgin products have come to expect.

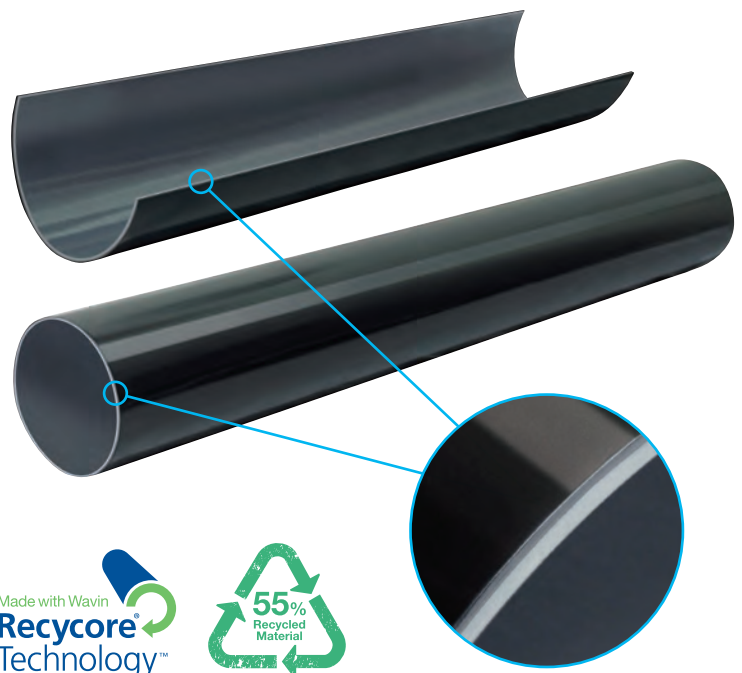
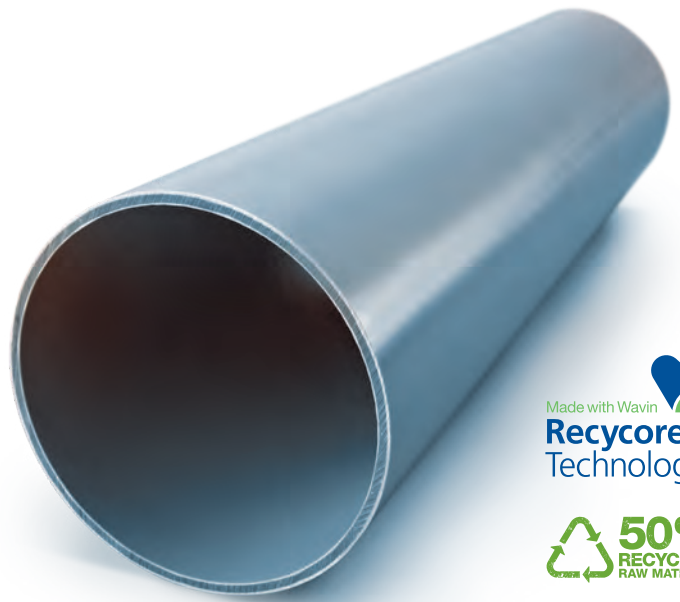
PVC-U pipes developed with Recycore® Technology consist of three-layer pipes – a dark middle layer of at least 50% recycled material, and virgin material outer layers. The optimal amount of recycled plastic, combined with its proven environmental benefits, make the pipes an excellent choice in achieving environmental gains through sustainable procurement.

With the success of Recycore in Soil and sewer pipes, Wavin has now extended Recycore technology to gutter and gutter downpipes – containing a minimum of 55% of recycled PVC-U and will be rolling out across profiles, starting with RoundLine.

Continuing the path of sustainable innovation, **RootSeal Technology** actively repels tree roots, solving several challenges for architects, specifiers, developers, and planners. RootSeal Technology gives drainage systems enhanced protection by using a naturally-sourced inhibitor to harmlessly repel tree roots and to reduce the risk of damage and upheaval. It also removes the disruption and environmental cost of repairing or replacing drainage systems damaged by tree root ingress and is being rolled out across our sewer range – look out for the green seal.

Building on the success and reliability delivered by its predecessor, Tigris K1/M1, the new Wavin Tigris K5/M5 press-fit plumbing and heating system delivers compelling new features for installers. The fitting is the first of its kind to feature an innovative Acoustic Leak Alert function – it will literally whistle while it works.

Want to know more? Turn to page 18 to find out more.





New Wavin Tigris K5/M5

The fitting that will blow you away



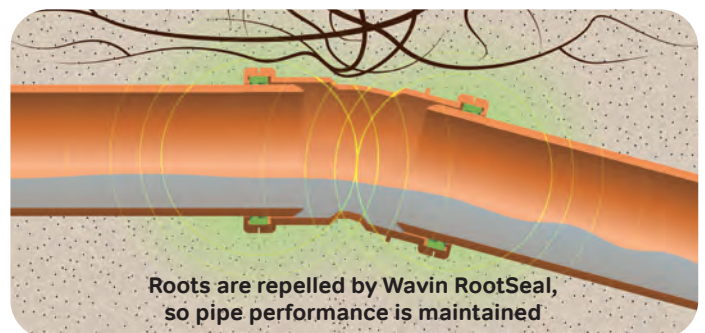
Acoustic Leak Alert
Detects leaks with a whistle



Opti Flow
Up to 50% larger inner bore



Multi Profile
Works with 5 types of jaws





Looking to the future of our Community

Since we arrived in Balbriggan, Wavin has been an active supporter of community initiatives. The Wavin Lake which was originally a back-up water resource for the Balbriggan site, was gifted to the Gormanston Anglers in 1993, and is now Dublin's largest all year rainbow trout fishery and a rich community resource full of beautiful wildlife and fauna.

In 2022, we further extended our community support programme with support for the Irish Institute of Music and Song (IIMS) in Balbriggan. Sustainability is at the heart of the development and **Wavin AquaCell** units were supplied to facilitate stormwater management within the site. A key element of this is a sustainable drainage system to minimise the impact of excess rainwater into the area's local drainage network. The area in which the tank is situated will be used as an outdoor mini-amphitheatre, surrounded by tiered grass areas creating a natural outdoor performance space – The Wavin Amphitheatre.

We love to support innovation from organisations working to create better environments and one of these is **Bí Urban**, a social enterprise in Dublin's North-West inner city. Bi Urban's Rain Garden project harvests rainwater to create little oases in the urban landscape. Wavin is providing the pipes to allow these rain gardens to function by allowing roof top rainwater run-off to create mini gardens as a nature-based solution to address multiple urban issues, which are being monitored by UCD's Civil Engineering faculty.

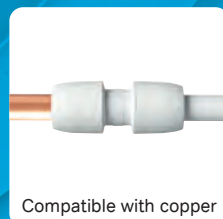
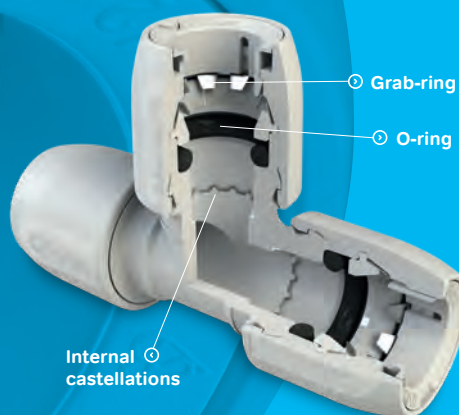
In 2022, Guaranteed Irish sought the support of Wavin and other members of the organisation in establishing the Guaranteed Irish Forest, an initiative that aims to encourage climate action engagement and increase biodiversity. Guaranteed Irish aligns its values with the United Nations Sustainable Development Goals (UN SDGs), which are the overarching goals that guide us all to a sustainable future. Wavin aligns our business' sustainability strategy with these same goals. The Guaranteed Irish Forest initiative underlines our commitment to these goals and is a legacy project that we are proud to support and to play our part in its creation.

Our first 65 years in Ireland have been full of innovation and progression. As we look ahead at our changing world, we will continue to play our part in developing the Ireland of the future.

Wavin Hep₂O Push-fit Plumbing & Heating System

Wavin Hep₂O flexible push fit plumbing developed in response to installer feedback, and has a number of unique and innovative features and benefits including;

- In4Sure™ joint recognition – tells you when the pipe is in
- Secure demounting with the new HepKey™ system
- SmartSleeve™ insert stays captive in the pipe
- 50 year industry leading Guarantee
- Flexible pipe which comes off the coil straight



Metric



Imperial



Standards and Approvals

Hep₂O meets the requirements of Class S of BS 7291, parts 1 and 2 and is manufactured within a Quality Management System which satisfies EN ISO 9002.

Hep₂O is also approved by WRAS – deemed safe for use in the supply of drinking water.

Guarantee

As a result of its rigorous Quality Management programme, Hep₂O carries a 50 year guarantee against defect in materials or manufacturing of all their pipe and fittings.



Imperial and Metric

Available in both imperial and metric sizes.

The fittings are distinguishable by their internal sleeve collars:

- Imperial – Grey Internal Collar
- Metric – White Internal Collar

Important Note:

Fittings of all product ranges must be ordered in their pack multiples as illustrated in catalogue.

Hep₂O fittings are pre-lubricated, no additional lubrication is required.

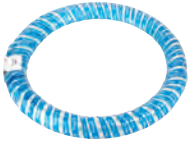


DO NOT use any flux, jointing compound or non Hep₂O lubricant on Hep₂O fittings.

Key to Colour Reference

Code Suffix	Product Colour
BL	Black
BU	Blue
RD	Red
W	White

Wavin Hep₂O flexible plumbing – metric

Polybutylene Pipe

	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	HXX100/15W	3029638	Barrier Pipe Coils Straight Coiled Lengths in SmartPack dispensers 100m 50m 25m 50m	15	1
	HXX50/22W	3029645		22	1
	HXX25/28W	3029642		28	1
	HXX50/28W	3029646		28	1
	HXX06/15W	3030789	Barrier Pipe Lengths 6.0m 6.0m 6.0m	15	40
	HXX06/22W	3030790		22	20
	HXX06/28W	3030791		28	12
	HXXC50/15BU	3011285	Pipe in Pipe System 50m 50m 50m 50m 25m 25m Please Note: Order pipe by unit (coil) not by metre	15	1
	HXXC50/15RD	4013649		15	1
	HXXC50/22BU	3011286		22	1
	HXXC50/22RD	4013650		22	1
	HXXC25/28BU	4013647		28	1
	HXXC25/28RD	4013651		28	1



Wavin Hep₂O

flexible plumbing – metric

Demountable Fittings

	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	HX60/15W HX60/22W HX60/28W	3029622 3029623 3030691	SmartSleeve Pipe Support *priced per pack	15 22 28	50 50 20
	HD1/15W HD1/22W HD1/28W	3029590 3029591 3030695	Straight Connector	15 22 28	10 10 5
	HD2/22W HD2/28W	3029603 3030692	Socket Reducer 22 x 15mm 28 x 22mm	22 28	10 5
	HD3B/22W	3070724	Socket/Socket Reducer 22 x 15mm	22	10
	HD4/15W HD4/22W	3029612 3029613	Spigot Elbow 90° Single Socket	15 22	5 5
	HD5/15W HD5/22W HD5/28W	3029616 3029617 3030673	Elbow 90°	15 22 28	10 10 5
	HD8/15W HD8/22W	3030680 3030681	Obtuse Bend 135° Single Socket	15 22	5 5
	HD10/15W HD10/22W HD10/28W	3029593 3029594 3030675	Equal Tee	15 22 28	10 10 5
	HD12/22W HD12/28W	3029595 3030674	End Reduced Tee 22 x 15 x 22mm 28 x 22 x 28mm	22 28	5 5
	HD18/22W HD18/28W	3030719 3030720	Double End Reduced Tee 15 x 15 x 22mm 22 x 22 x 28mm	22 28	5 5
	HD13/22W HD13A/28W HD13/28W	3029597 3030671 3030672	Branch Reduced Tee 22 x 22 x 15mm 28 x 28 x 15mm 28 x 28 x 22mm	22 22 28	5 5 5

	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	HD15/22W	3030717	Branch Reduced Tee – Spigot 22 x 22 x 15mm	22	5
	HD14/22W HD14/28W	3029600 3030670	Branch and One End Reduced Tee 22 x 15 x 15mm 28 x 22 x 22mm	22 28	5 5
	HX20/15W HX20/22W HX20/28W	3030706 3030707 3041309	Tank Connector with BSP tail & backnut (For cold water use only) BSP 1/2" BSP 3/4" BSP 1"	15 22 28	5 5 5
	HD25A/15W HD25B/15W HD25B/22W	3029604 3029605 3030696	Straight Tap Connector with brass nut and alternative rubber washer BSP 1/2" BSP 3/4" BSP 3/4"	15 15 22	10 5 5
	HD27/15W	3029610	Bent Tap Connector with brass nut and alternative rubber washer BSP 1/2"	15	5
	HD125A/15W HD125B/15W HD125B/22W HD125E/15W HD125E/22W HD125F/15W HD125G/15W	3030697 3030698 3030699 3039570 3039571 3039573 3039574	Flexible Tap Connectors Hep ₂ O x BSP Nut (with Brass Nut and rubber washer) 300mm BSP 1/2" 300mm BSP 3/4" 300mm BSP 3/4" Hep ₂ O Brass Service Valve x BSP Nut (with Brass Nut and rubber washer) 300mm BSP 1/2" 300mm BSP 3/4" Hep ₂ O x Monobloc Mixers 300mm x 15mm x M10 300mm x 15mm x M12 • Please note sold and priced as a pair	15 15 22 15 22 15 15	2 2 2 2 2 Pair Pair

Wavin Hep₂O

flexible plumbing – metric

	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	HD26B/15W HD26B/22W	3029608 3029609	Hand-Titan™ Tap Connector with rubber washer BSP 3/4" BSP 3/4"	15 22	5 5
	HD45/5W HD45/7W HD45/1W	3038736 3038737 3038735	Straight Conversion 1/2" x 15mm 3/4" x 22mm 1" x 28mm	15 22 28	10 10 5
	HD46/5W HD46/7W HD46/1W	3038739 3038740 3038738	Elbow Conversion 1/2" x 15mm 3/4" x 22mm 1" x 28mm	15 22 28	10 10 5
	HD62/15W HD62/22W HD62/28W	3029619 3029620 3030703	Demountable Stop-End	15 22 28	10 10 5
	HX44/15W HX44/22W	3030714 3030715	Push-fit Blanking Peg For Demountable Hep ₂ O Fittings *priced per pack	15 22	10 10
	HX78/15W HX78/22W HX78/28W HX79/15W HX79/22W HX79/28W	3038764 3038765 3038766 3029625 3029626 3030676	Demounting Tool HepKey Demounting Tool (Blue) HepKey Demounting Tool (Purple) HepKey Demounting Tool (Orange) HepKey Plus Demounting Tool (Blue) HepKey Plus Demounting Tool (Purple) HepKey Plus Demounting Tool (Orange)	15 22 28 15 22 28	10 10 10 10 10 10
	HX77/10W HX77/15W	3039598 3039472	HepTool 10/28mm Demounting Tool 15/22mm Demounting Tool	10/28 15/22	10 10


Auxiliary Fittings

	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	HX29/15W HX29/22W HX29/28W	3030667 3030669 3030668	Adaptor Male BSP/Hep ₂ O socket DZR Brass BSP 1/2" BSP 3/4" BSP 1"	15 22 28	10 10 5
	HX28/15W HX24/15W HX28/22W HX28/28W	3030663 3030665 3030666 3030664	Adaptor Female BSP/Hep ₂ O socket DZR Brass BSP 1/2" BSP 3/4" BSP 3/4" BSP 1"	15 15 22 28	10 10 10 5
	HX31/28	3031025	Adaptor Male BSP/Hep ₂ O spigot DZR Brass BSP 1"	28	5
	HX30/15W	3031019	Adaptor Female BSP/Hep ₂ O spigot DZR Brass BSP 1/2"	15	1
	HX32/15	3053653	Draincock Brass 15mm spigot DZR Brass	15	1
	HX6/15W HX6/22W	3030711 3030712	Wall Plate Elbow Hep ₂ O BSP 1/2" BSP 3/4"	15 22	5 5
	HX22/15W HX22/22W	3030724 3030725	Ball Valve Plated Brass (for hot & cold water use) 15x15mm 22x22mm	15 22	5 5
	HX35/15W HX35/22W	3030722 3030723	Gate Valve – Hot/Cold DZR Brass/Hep ₂ O ends	15 22	5 5
	HX36/15W HX36/22W	3030693 3030694	Stopcock – Cold Water fitted with Hep ₂ O ends	15 22	5 5
	HX43/22W	3030710	Stopcock – Cold Water Hep ₂ O to MDPE Conversion 22mm to 25mm MDPE	22	5



Wavin Hep₂O

flexible plumbing – metric

	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	HX37/15W	3030708	Shut-off Valve With hot/cold indicator insert * * For intermittent hot and cold water use up to a maximum of 65°C. Not for use with Central Heating	15	5
	HX38/15W	3030709	Appliance Valve With hot/cold indicator insert * * For intermittent hot and cold water use up to a maximum of 65°C. Not for use with Central Heating	15	5
	HX18/15W	3030704	Straight Service Valve With hot/cold indicator insert * * For intermittent hot and cold water use up to a maximum of 65°C. Not for use with Central Heating	15	5
	HX19/15W	3030705	Angled Service Valve With hot/cold indicator insert * * For intermittent hot and cold water use up to a maximum of 65°C. Not for use with Central Heating	15	5
	HX88/22W	3030726	Two Port Manifold 22x15mm ports Closed Spigot	22	5
	HX88B/22W	3030727	Two Port Manifold 22x15mm ports All socket	22	5
	HX89/22W	3030728	Three Port Manifold 22x15mm ports Closed Spigot	22	5
	HX89B/22W	3030729	Three Port Manifold 22x15mm ports All socket	22	5
	HX91T/22W	3030730	One Port Valved Manifold Plated Brass 3/4" BSP Male/female 22mm Hep ₂ O port	22	1
	HX92T/15W	3030732	Two Port Valved Manifold Plated Brass 3/4" BSP Male/female 15mm Hep ₂ O ports	15	1
	HX93T/15W	3030733	Three Port Valved Manifold Plated Brass 3/4" BSP Male/female 15mm Hep ₂ O ports	15	1




	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	HX94T/15W	3030731	Four Port Valved Manifold Plated Brass 3/4" BSP Male/female 15mm Hep ₂ O ports	15	1
	HX97 GY HX98 GY	4013739 4013740	Manifold End Caps 3/4" Female End Cap 3/4" Male End Cap	- -	5 5
	HX95A GR	3024348	Manifold Bracket - Pair For HX92T/15, HX93T/15 and HX94T/15	-	1

Ancillary Pipe Fittings and Accessories

	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	HX75/15 HX75/22	4013715 4013718	Cold Forming Bend Fixture Metal with passivate finish	15 22	5 5
	HD74	4013791	Pipe Cutter - Scissor Type Standard	-	1
	HX85/15W HX85/22W HX85/28W	3030688 3030689 3030690	Pipe Clips - Screw *priced per pack	15 22 28	50 50 50
	HX86/15W HX86/22W	3030682 3030683	Pipe Clips - Spacers *priced per pack	15 22	20 20
	HX65/15W HX65/22W HX65/28W	3030685 3030686 3030687	Pipe Clips - Cable Type *priced per pack	15 22 28	50 50 50
	HX200	4026146	Hep₂O Silicone Lubricant Spray 400 ml Aerosol Can Hep ₂ O Fittings	-	1
	HX81	3032329	Hep₂O Joint Test Kit	-	1

Wavin Hep₂O flexible plumbing – imperial

Polybutylene Pipe

	Product Code	SAP Code	Description	Nom Dia Inch	Pack Qty
	HXX100/5W HXX50/7W HXX25/1W	3038780 3038782 3038781	Barrier Pipe Coils Straight Coiled Lengths in SmartPack dispensers 100m 50m 25m Please Note: Order pipe by unit (coil) not by metre	1/2" 3/4" 1"	1 1 1
	HXX06/5W HXX06/7W HXX06/1W	3039852 3039853 3039854	Barrier Pipe Lengths 6.0m 6.0m 6.0m	1/2" 3/4" 1"	1 1 1
	HXXC50/5BL HXXC50/7BL	3039869 3039870	Barrier Pipe in Pipe System Coil of Hep ₂ O Acorn Barrier Pipe in Black Conduit 50m 50m Please Note: Order pipe by unit (coil) not by metre	1/2" 3/4"	1 1



Demountable Fittings







	Product Code	SAP Code	Description	Nom Dia Inch	Pack Qty
	HX60/5W HX60/7W HX60/1W	3038761 3038762 3038758	SmartSleeve Pipe Support *priced per pack	1/2" 3/4" 1"	50 50 20
	HD1/5W HD1/7W HD1/1W	3038720 3038721 3038719	Straight Connector	1/2" 3/4" 1"	10 10 5
	HX2/7W HX2/1W	3038746 3038745	Socket Reducer 3/4" x 1/2" 1" x 3/4"	3/4" 1"	10 5
	HD5/5W HD5/7W HD5/1W	3038742 3038743 3038741	Elbow 90°	1/2" 3/4" 1"	10 10 5
	HD10/5W HD10/7W HD10/1W	3038723 3038724 3038722	Equal Tee	1/2" 3/4" 1"	10 10 5
	HD12/7W HD12/1W	3038726 3038725	End Reduced Tee 3/4" x 1/2" x 3/4" 1" x 3/4" x 1"	3/4" 1"	5 5
	HD13/7W HD13/1W	3038728 3038727	Branch Reduced Tee 3/4" x 3/4" x 1/2" 1" x 1" x 3/4"	3/4" 1"	5 5
	HD14/7W HD14/1W	3038730 3038729	Branch and One End Reduced Tee 3/4" x 1/2" x 1/2" 1" x 3/4" x 3/4"	3/4" 1"	5 5
	HX20/5W HX20/7W	3038747 3038748	Tank Connector with BSP tail & backnut (For cold water use only) 1/2" x 1/2" 3/4" x 3/4"	1/2" 3/4"	5 5
	HD25A/5W HD25B/5W HD25B/7W	3038731 3038732 3038733	Straight Tap Connector with brass nut and alternative rubber washer 1/2" x 1/2" 1/2" x 3/4" 3/4" x 3/4"	1/2" 1/2" 3/4"	10 5 5

Wavin Hep₂O

flexible plumbing – imperial

	Product Code	SAP Code	Description	Nom Dia Inch	Pack Qty
	HD27/5W	3038734	Bent Tap Connector with brass nut and alternative rubber washer 1/2" x 1/2"	1/2"	10
	HD45/5W HD45/7W HD45/1W	3038736 3038737 3038735	Straight Conversion 1/2" x 15mm 3/4" x 22mm 1" x 28mm	1/2" 3/4" 1"	10 10 5
	HD46/5W HD46/7W HD46/1W	3038739 3038740 3038738	Elbow Conversion 1/2" x 15mm 3/4" x 22mm 1" x 28mm	1/2" 3/4" 1"	10 10 5
	HX47/5W HX47/7W	3038755 3038756	Spigot/Socket Conversion 1/2" x 15mm 3/4" x 22mm	1/2" 3/4"	10 10
	HD62/5W	3041787	Demountable Stop-End	1/2"	10
	HX40/5W	3038752	Push-fit Blanking Peg For Demountable Hep ₂ O Acorn Fittings	1/2"	10
	HX78/15W HX78/22W HX78/28W HX79/15W HX79/22W HX79/28W	3038764 3038765 3038766 3029625 3029626 3030676	Demounting Tool HepKey Demounting Tool (Blue) HepKey Demounting Tool (Purple) HepKey Demounting Tool (Orange) HepKey Plus Demounting Tool (Blue) HepKey Plus Demounting Tool (Purple) HepKey Plus Demounting Tool (Orange)	1/2" 3/4" 1" 1/2" 3/4" 1"	10 10 10 10 10 10
	HX77/10W HX77/15W	3039598 3039472	HepTool 1" Demounting Tool 1/2"/3/4" Demounting Tool	1" 1/2" / 3/4"	10 10

Ancillary Pipe Fittings and Accessories

	Product Code	SAP Code	Description	Nom Dia Inch	Pack Qty
	HX75/15 HX75/22	4013715 4013718	Cold Forming Bend Fixture Metal with passivate finish	1/2" 3/4"	5 5
	HD74	4013791	Pipe Cutter – Scissor Type Standard	–	1
	HX85/15W HX85/22W HX85/28W	3030688 3030689 3030690	Pipe Clips – Screw *priced per pack	1/2" 3/4" 1"	50 50 50
	HX65/15W HX65/22W HX65/28W	3030685 3030686 3030687	Pipe Clips – Cable Type *priced per pack	1/2" 3/4" 1"	50 50 50
	HX200	4026146	Hep₂O Silicone Lubricant Spray 400 ml Aerosol Can Hep ₂ O Fittings	–	1
	HX81	3032329	Hep₂O Joint Test Kit	–	1

Wavin Tigris K5/M5 Press-Fit Plumbing & Heating System

16, 20, 25, 32 and 40mm sizes



Acoustic Leak Alert: follow the sound

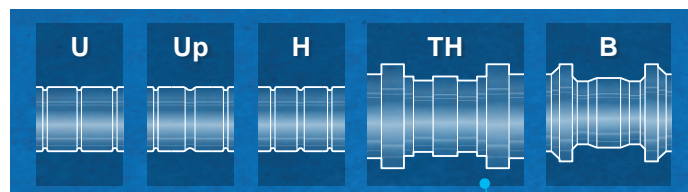
We have equipped Tigris K5/M5 with all kinds of smart solutions, including Acoustic Leak Alert. While performing a pressure test with air, an unpressed Tigris K5/M5 press fitting will be heard loud and clear. Thanks to the whistle sound of 80 decibels, you'll find the unpressed fitting very easily. Even if there's a lot of noise around you.

Press-fit Plumbing System

Wavin Tigris K5/M5, builds on the success and reliability delivered by its predecessor, the Tigris K1/M1. The new Wavin Tigris K5/M5 is the very first of its kind to feature the innovative Acoustic Leak Alert function. Any un-pressed fitting will make itself known by producing a loud whistle. But that's not all. The fittings also offer an improved flow and can now be pressed with multiple pressing profiles.

Easy to switch with Multi Press Profiles

Tigris K5 and Tigris M5 guarantee secure connections regardless of the profile. You can use all of the most common jaw profiles to press the fittings as they are compatible with U, Up, H, TH and B profiles.



IN 4SURE 360 view to check pipe insertion



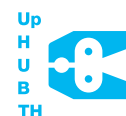
Acoustic Leak Alert – detect non-pressed fittings by a whistle

Save valuable time when tracing a system for leaks – just follow the whistle*



Opti Flow – increased inner bore for optimised flow

Opti Flow has up to a 50% larger inner bore.**



Multi press profiles: U, Up, TH, B, H



The K5 has a PPSU body and the M5 has Brass body


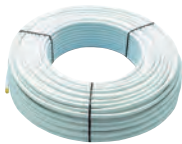
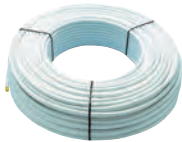

* Acoustic Leak Alert is simply an aid to find a leaking fitting. It does NOT replace the pressure test.

** Data represents 16mm fittings tests. For more information please review Tigris product and installation guide.

Wavin Tigris K5

Press-Fit plumbing

Composite Multilayer PE-Xc Pipe for Tigris K5/M5 and Manifolds

	SAP Code	Size / Description	N° per Pack
		Pipes – Straight Lengths	
	3061211	16mm x 2.0mm x 5m	25
	3061212	20mm x 2.25mm x 5m	18
	3061213	25mm x 2.5mm x 5m	10
	3041228	32mm x 3.0mm x 5m	6
	3041229	40mm x 4.0mm x 5m	4
		Pipes – Coils	
	3018297	16mm x 2.0mm x 100m	1
	3018302	16mm x 2.0mm x 200m	1
	3018299	20mm x 2.25mm x 100m	1
	3018300	25mm x 2.5mm x 50m	1
		Pipes – Coils Pre-insulated 6mm & 9mm	
	3018800	16mm x 2.0mm x 50m – 6mm	1
	3053399	16mm x 2.0mm x 100m – 6mm	1
	3018803	20mm x 2.25mm x 50m – 9mm	1
	3004382	25mm x 2.5mm x 25m – 9mm	1
	3018804	32mm x 3.0mm x 25m – 9mm	1
		Pipes – Coils Pre-insulated 9mm & 13mm	
	3004378	16mm x 2.0mm x 50m – 9mm	1
	3004379	20mm x 2.25mm x 50m – 9mm	1
	3004380	16mm x 2.0mm x 50m – 13mm	1
	3004381	20mm x 2.25mm x 50m – 13mm	1








Note: For 50, 63 and 75mm pipe for use with K1/M1 fittings see pages 23-24.

Wavin Tigris K5

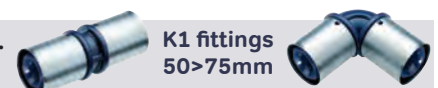
Press-Fit plumbing

Fittings (16, 25, 32 and 40mm)
K5 – Multi Press Profile

Description	Size	SAP Code	Pack Qty
 K5 Straight Connector	16mm	3079754	10
	20mm	3079755	10
	25mm	3079756	10
	32mm	3079757	5
	40mm	3079758	2
 K5 Reducing Coupler	20mm x 16mm	3079759	10
	25mm x 16mm	3079760	10
	25mm x 20mm	3079761	10
	32mm x 20mm	3079762	5
	32mm x 25mm	3079763	5
	40mm x 32mm	3079764	2
 K5 Elbow 45°	25mm	3079773	10
	32mm	3079774	5
	40mm	3079775	2
 K5 Elbow 90°	16mm	3079768	10
	20mm	3079769	10
	25mm	3079770	10
	32mm	3079771	5
	40mm	3079772	2
 K5 Elbow 90° – Single Female BSP Thread	16mm x 1/2"	3079782	10
	20mm x 1/2"	3079783	10
	20mm x 3/4"	3079784	10
	25mm x 3/4"	3079785	10
	32mm x 1"	3079786	5
 K5 Elbow 90° – Single Male BSP Thread	16mm x 1/2"	3079776	10
	20mm x 1/2"	3079777	10
	20mm x 3/4"	3079778	10
	25mm x 3/4"	3079779	10
	25mm x 1"	3079780	5
	32mm x 1"	3079781	5
 K5 Backplate Elbow Female BSP Thread	20mm x 1/2"	3079855	10
	20mm x 3/4"	3079856	10

Description	Size	SAP Code	Pack Qty
 K5 Equal Tee 90°	16mm	3079811	10
	20mm	3079812	10
	25mm	3079813	5
	32mm	3079814	3
	40mm	3079815	2
 K5 One End Branch Reducing Tee 90°	20mm x 20mm x 16mm	3079824	10
	25mm x 25mm x 20mm	3079832	5
 K5 Double End Reducing Tee 90°	16mm x 20mm x 16mm	3079821	10
	20mm x 25mm x 20mm	3079826	5
	25mm x 32mm x 25mm	3079833	5
 K5 Branch Reducing Tee 90°	20mm x 16mm x 20mm	3079823	10
	25mm x 16mm x 25mm	3079827	5
	25mm x 20mm x 25mm	3079828	5
	32mm x 16mm x 32mm	3079834	5
	32mm x 20mm x 32mm	3079835	5
	32mm x 25mm x 32mm	3079837	5
	40mm x 25mm x 40mm	3079839	2
	40mm x 32mm x 40mm	3079840	2
	 K5 Branch and One End Reducing Tee 90°	20mm x 16mm x 16mm	3079822
25mm x 16mm x 16mm		3079829	5
25mm x 20mm x 20mm		3079825	5
32mm x 25mm x 25mm		3079836	5
40mm x 32mm x 32mm		3079842	2
 K5 Unequal Branch and End Reduced Tee	25mm x 16mm x 20mm	3079831	5
	25mm x 20mm x 16mm	3079830	5
	32mm x 20mm x 25mm	3079838	5
	40mm x 25mm x 32mm	3027841	3
 K5 One Sided Female BSP Thread Tee	16mm x 1/2" x 16mm	3079816	10
	20mm x 1/2" x 20mm	3079817	5
	20mm x 3/4" x 20mm	3079818	5
	25mm x 1/2" x 25mm	3079819	5
	25mm x 3/4" x 25mm	3079820	5

Note: 50, 63 and 75mm diameters are only available as K1 fittings (see pages 23-24).
The new K5 features such as the acoustic whistle are not available for the K1 range.



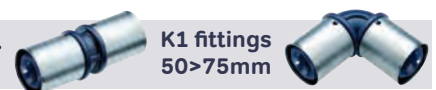
Description	Size	SAP Code	Pack Qty
K5 Connector – Single Male BSP Thread			
	16mm x 1/2"	3079798	10
	16mm x 3/4"	3079799	10
	20mm x 1/2"	3079800	10
	20mm x 3/4"	3079801	10
	25mm x 3/4"	3079802	10
	25mm x 1"	3079803	10
	32mm x 1"	3079804	5
	32mm x 1 1/4"	3079805	5
	40mm x 1 1/4"	3079806	2
K5 Connector – Single Female BSP Thread			
	16mm x 1/2"	3079788	10
	16mm x 3/4"	3079789	5
	20mm x 1/2"	3079790	10
	20mm x 3/4"	3079791	10
	20mm x 1"	3079792	5
	25mm x 3/4"	3079793	10
	25mm x 1"	3079794	5
	25mm x 1 1/4"	3079795	2
	32mm x 1"	3079796	5
	40mm x 1 1/4"	3079797	2
	K5 End Plug		
	16mm	3079859	10
	20mm	3079860	10
	25mm	3079861	10

Fittings (16, 25, 32 and 40mm) M5 – Multi Press Profile

Description	Size	SAP Code	Pack Qty
M5 Coupler Metal – Connections to copper			
	16mm x 15mm	4065978	5
	20mm x 15mm	4065979	5
	20mm x 22mm	4065981	5
	25mm x 22mm	4065982	5
	25mm x 28mm	4065983	5
M5 Coupler – Reduced			
	26mm x 20mm	4064186	5
	26mm x 25mm	4064187	5
	32mm x 26mm	4064191	5

Description	Size	SAP Code	Pack Qty
M5 Connector – Single Male BSP Thread			
	16mm x 1/2"	4066041	10
	16mm x 3/4"	4066042	10
	20mm x 1/2"	4066043	10
	20mm x 3/4"	4066044	10
	20mm x 1"	4066045	10
	25mm x 3/4"	4066046	5
	25mm x 1"	4066047	5
	32mm x 1"	4066048	5
	32mm x 1 1/4"	4066049	5
	40mm x 1 1/4"	4066051	5
	40mm x 1 1/4"	4066050	5
M5 Connector – Single Female BSP Thread			
	16mm x 1/2"	4066028	10
	16mm x 3/4"	4066029	10
	20mm x 1/2"	4066030	10
	20mm x 3/4"	4066031	10
	20mm x 1"	4066032	10
	25mm x 3/4"	4066033	5
	25mm x 1"	4066034	5
	32mm x 1"	4066035	5
	32mm x 1 1/4"	4066036	5
	40mm x 1 1/4"	4064259	5
	40mm x 1 1/2"	4066039	5
M5 Elbow Male – 90°			
	16mm x 1/2"	4066001	10
	20mm x 1/2"	4066003	10
	20mm x 3/4"	4066004	10
	25mm x 3/4"	4066005	5
	25mm x 1"	4066006	5
	32mm x 1"	4066007	5
	40mm x 1 1/4"	4066008	5
	M5 Elbow Female – 90°		
	16mm x 1/2"	4066009	10
	20mm x 1/2"	4066011	10
	20mm x 3/4"	4066012	10
	25mm x 3/4"	4066013	5
	25mm x 1"	4066014	5
	32mm x 1"	4066015	5
	40mm x 1 1/4"	4066016	5
	40mm x 1 1/2"	4066017	5

Note: 50, 63 and 75mm diameters are only available as K1 fittings (see pages 23-24).
The new K5 features such as the acoustic whistle are not available for the K1 range.



Wavin Tigris M5

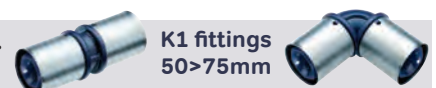
Press-Fit plumbing

Fittings (16, 25, 32 and 40mm)
K5 – Multi Press Profile (continued)

Description	Size	SAP Code	Pack Qty
 M5 Screw Connector – Female	16mm x 1/2"	4066072	10
	16mm x 3/4"	4066074	10
	20mm x 1/2"	4066075	10
	20mm x 3/4"	4066076	10
	25mm x 3/4"	4066078	5
	25mm x 1"	4066079	5
	32mm x 1"	4066081	5
	32mm x 1 1/2"	4066083	5
 M5 Screw Connector – Elbow 90°	16mm x 1/2"	4066067	10
	20mm x 1/2"	4066068	10
	20mm x 3/4"	4066069	10
	25mm x 3/4"	4066070	10
	25mm x 1"	4066071	10
 M5 x Hep₂O Adaptor	16mm x 15mm	4064277	10
	20mm x 22mm	4064280	10
	25mm x 22mm	4064281	10
	25mm x 28mm	4064282	5
	32mm x 28mm	4064283	5
 M5 U-Connector – Male 90°	16mm x 1/2"	4064284	10
	16mm x 3/4"	4064285	10
	20mm x 1/2"	4064286	10
	20mm x 3/4"	4064287	10
 M5 Wall Flange – Female	16mm x 1/2"	4066132	10
	20mm x 1/2"	4066134	10
 M5 DR Holderplate	16mm x 1/2"	4064419	2

Description	Size	SAP Code	Pack Qty
 M5 Holderplate TF	16mm x 1/2"	4064457	2
 M5 Radiator Connector	16mm x 300mm	4064240	10
 M5 Radiator Connector – Elbow	16mm x 15mm x 300mm	4064239	10
 M5 Connector – Elbow	16mm x 15mm x 175mm	4064235	10

Note: 50, 63 and 75mm diameters are only available as K1 fittings (see pages 23-24).
The new K5 features such as the acoustic whistle are not available for the K1 range.



Wavin Tigris K1/M1 Press-Fit Plumbing & Heating System

50, 63 and 75mm sizes

The versatile Wavin Tigris K1 Multilayer Press-fit System offers valuable advantages compared with traditional materials. Installation is faster and more straightforward. So time and cost can be saved. The system can be used for sanitary (including potable water) and heating applications. The fitting incorporates the Defined Leak Function (DLF) that brings extra safety by identifying unpressed fittings.



Applications

Wavin K1 meets the requirements for drinking water installation and radiator connection systems.

It is therefore suitable for hot and cold water installations and for radiator connections in residential construction as well as in public and commercial buildings.

Thanks to an extensive range of fittings with clever special solutions the system is optimally suited not only to new construction but also to renovations of old buildings.

Wavin K1 offers a large diameter range of fittings in the dimensions: 50, 63 and 75mm. For smaller diameters, please see our K5 range.

An extensive range of fittings, accessories and tools complements the system.

Special Advantages

The specific ways in which K1 improves on traditional, established techniques include:

- Very fast, heat-free secure jointing
- No need for Hot Works insurance
- Minimal fittings required: saving time and cost

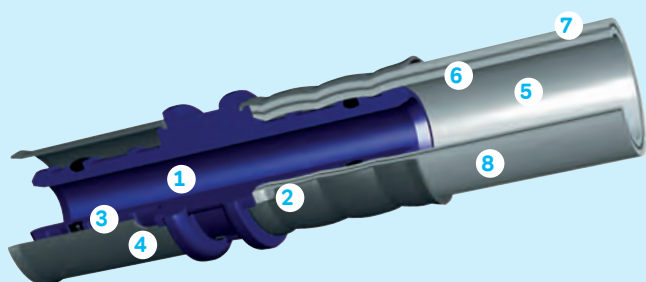
Quality

The Wavin K1 system is subject to constant internal quality controls and continuous external monitoring. Wavin K1 system meets all requirements in accordance with EN ISO 21003 standards for service conditions class 2 and 5. The system has been tested by accredited test laboratories and carries a wide set of other national approvals as well.

View the Tigris K1 illustration and see how Tigris K1 pipe gives you all the performance and durability you require, with the extra benefit of flexibility.



Wavin Tigris K1 Pipe




Wavin Tigris K1 Pipe

1	PPSU body: highly resistant to temperature, corrosion and scaling
2	Visible windows to show insert depth – no guesswork
3	'O' Ring ensures complete seal
4	Stainless steel sleeve for efficient, heat free jointing
5	Inner layer: superior PEX-C material
6	Aluminium layer: consistent thickness, fully detectable
7	Coupling agent: welds the aluminium to the inner & outer plastic layers
8	Outer layer: HDPE for resilience and flexibility

Wavin Tigris K1

Press-Fit plumbing

Composite Multilayer Pipe (50, 63, 75mm) for K1/M1



Description	Size	SAP Code	Pack Qty
Pipes – Straight Lengths			
	50mm x 4.5mm x 5m*	3004372	5
	63mm x 6.0mm x 5m*	3028271	3
	75mm x 7.5mm x 5m**	3053971	1
	* PE-Xc pipe material		
	** PERT/AL/PE pipe material		

Fittings (50, 63, 75mm) K1 – U profile Jaw

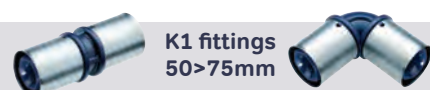
Description	Size	SAP Code	Pack Qty
K1 Straight Connector			
	50mm	3027832	2
	63mm	3027847	2
	75mm	3065639	2
K1 Reducing Coupler			
	50x32mm	3027833	2
	50x40mm	3027834	2
	63x40mm	3027852	2
	63x50mm	3027850	2
	75x50mm	3065641	2
75x63mm	3065640	2	
K1 Elbow 90°			
	50mm	3024667	2
	63mm	3027848	2
	75mm	3065643	2
K1 Elbow 45°			
	50mm	3024668	2
	63mm	3027849	2
	75mm	3065642	2
K1 Equal Tee 90°			
	50mm	3027829	2
	63mm	3027853	2
	75mm	3065644	2

Description	Size	SAP Code	Pack Qty
K1 Branch Reducing Tee 90°			
	50mm x 25mm x 50mm	3027830	2
	50mm x 32mm x 50mm	3027842	2
	50mm x 40mm x 50mm	3027831	2
	63mm x 25mm x 50mm	3027856	2
	63mm x 32mm x 63mm	3027855	2
	63mm x 40mm x 63mm	3027854	2
	75mm x 32mm x 75mm	3065647	2
	75mm x 40mm x 75mm	3065646	2
	75mm x 50mm x 75mm	3065645	2
K1 Branch and One End Reducing Tee 90°			
	50mm x 32mm x 32mm	3027846	2
	50mm x 40mm x 40mm	3027845	2
K1 Unequal Branch and End Reduced Tee			
	50mm x 25mm x 40mm	3031216	2
	50mm x 32mm x 40mm	3027844	2

Fittings (50, 63, 75mm) M1 – U profile Jaw

Description	Size	SAP Code	Pack Qty
M1 Connector – Single Female BSP Thread			
	50mm x 1 1/2"	4032698	3
	63mm x 2"	4032699	2
	75mm x 2 1/2"	4049179	2
M1 Connector – Single Male BSP Thread			
	50mm x 1 1/2"	4032684	2
	63mm x 2"	4032685	1
	75mm x 2 1/2"	4049178	1

Note: 50, 63 and 75mm diameters are only available as K1 fittings (see above).
The new K5 features such as the acoustic whistle are not available for the K1 range.



Wavin Tigris Manifolds/Accessories

Manifolds and Adaptors

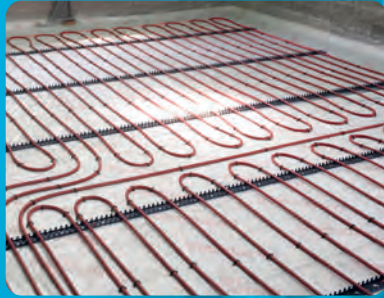
Description	Size	SAP Code	Pack Qty
 Two Port Manifold	3/4" x 2 ports 1/2"	4026689	2
 Three Port Manifold	3/4" x 3 ports 1/2"	4026690	2
 Four Port Manifold	3/4" x 4 ports 1/2"	4026691	2
Manifolds with Valves			
 Two Port	3/4" x 2 ports 1/2"	4026692	2
 Three Port	3/4" x 3 ports 1/2"	4026693	2
 Four Port	3/4" x 4 ports 1/2"	4026694	2
Manifold Adaptors			
 16mm x 1/2"	16mm x 1/2"	4026699	10
Brass Manifold Cap			
 3/4" female cap	3/4" female cap	4026704	10
 3/4" male cap	3/4" male cap	4026705	10
 1/2" plug	1/2" plug	4026706	10

Accessories

Description	Size	SAP Code	Pack Qty
 Power Click Grip	Calibrate bolt	3011162	1
 Power Click Grip	14-63mm	4036272	1
Inner Spiral Springs			
 16mm	16mm	4013553	1
 20mm	20mm	4013559	1
 25mm	25mm	4013562	1

Description	Size	SAP Code	Pack Qty
Outer Spiral Springs			
 16mm	16mm	4023071	1
 20mm	20mm	4023073	1
 25mm	25mm	4023075	1
Pressure Stoppers			
 16mm	16mm	4013571	1
 20mm	20mm	4013572	1
 25mm	25mm	4013573	1
Calibration Mandrel			
 16mm, 20mm and 25mm	16mm, 20mm and 25mm	3021196	1
Calibration Mandrel Screwdriver			
 16mm	16mm	4999998	1
 20mm	20mm	4999999	1
 25mm	25mm	4023364	1
 32mm	32mm	4023365	1
Calibration Mandrel – 40-75mm			
 40mm	40mm	4031987	1
 50mm	50mm	4031988	1
 63mm	63mm	4035780	1
 75mm	75mm	4053507	1
Pipe Cutter			
 16mm – 75mm	16mm – 75mm	4053508	1
Pipe Cutter with Hold Function			
 16mm – 25mm	16mm – 25mm	4036273	1
Bending Pliers – 16-25mm			
 16mm, 20mm and 25mm	16mm, 20mm and 25mm	4023077	1

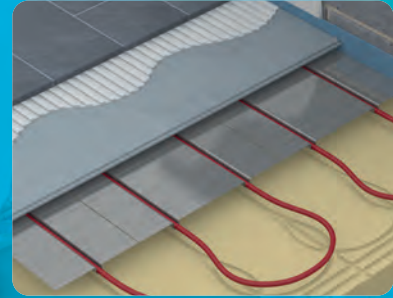
Wavin Underfloor Heating System



Staples and Rail



System Plates



Low Build

Why Choose Underfloor Heating?

Underfloor Heating (UFH) using piped warm water is a modern and energy-efficient option with economical running costs for heating residential, commercial and other buildings.

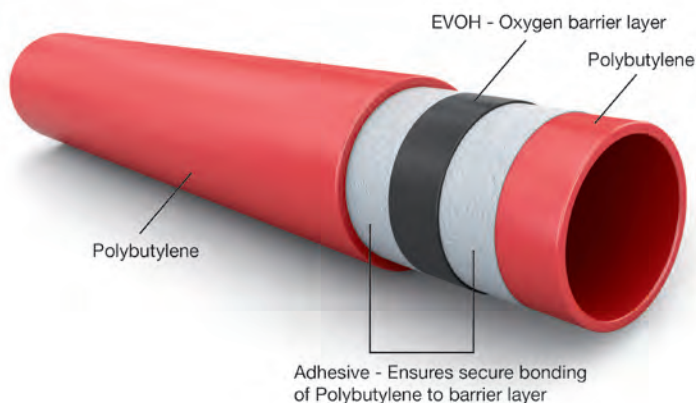
Underfloor Heating Offers Many Benefits:

- Energy-efficient system requires lower water temperatures with low running costs
- More even room temperatures ensure all-round comfortable warmth
- Silent running: no expansion creaking or water flow noise
- No wall mounted radiators
- Healthy environment – less dust
- Greater Safety – no exposed hot surfaces

The three essential elements for a Wavin UFH system – screeded floor applications.

Plumbed underfloor heating comprises three key elements that work together to deliver the required heating performance and effect:

Wavin Underfloor Heating Pipe



1. Floor Systems: incorporating UFH pipe to create the pipework circuits within the floor that will emit heat.

The systems available are:

- Staples
- Staples and Rail
- System Plates
- Low Build (ideal for retro-fit market)

2. Manifold: to provide flow and return circulation of warm water at the correct temperature and flow rate to ensure an even, comfortable temperature across the whole floor surface.



3. Controls: to monitor water and air temperature and signal the heat source. In effect the nerve centre of the installed system. The options available for time and temperature control range from wired and wireless systems to fully networked systems that can be controlled on your mobile device. Control systems available are:

- 24V Wired or 24V Wireless
- 230V Network Control
- 24V Wired, Wireless and Sentio network controlled




Wavin

Underfloor Heating

UFH Polybutylene Pipe

	SAP Code	Description	Nom Dia mm	Pack Qty
	3092831	UFH PB Barrier Pipe Coils 500m x 16mm	16	1
	3092780	200m x 16mm	16	1
	3092800	150m x 16mm	16	1
	3092736	120m x 16mm	16	1
	3092737	100m x 16mm	16	1
	3092779	80m x 16mm	16	1
	3092785	50m x 16mm	16	1
	3092806	100m x 12mm – Use with low-build	12	1
	3092779	80m x 12mm – Use with low-build	12	1
	3092810	50m x 12mm – Use with low-build	12	1
		3017597	UFH Multi layer Alu-Pert Pipe 500m x 16mm	16
3017595		200m x 16mm	16	1

UFH Floor Products

	SAP Code	Description	Nom Dia mm	Pack Qty
	3092773	Staples System Pipe Staples 60mm	16	300
	3034037	Pipe Staples 40mm	16	600
	3092802	Staple Gun for 40mm & 60mm Staples		1
	3091681	Staples and Rail System Clip Rail L (1m)		200
	4038834	Clip Rail Staple		100
	3092798	System Plates System Plate for 16mm pipe (1275 x 975mm)	16	18
	3092744	Low Build System Plate for 12mm pipe (1050 x 650mm)	12	16
	3092829	System Plate Tack Fastener		25

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Underfloor Heating

	SAP Code	Description	Nom Dia mm	Pack Qty
	3092754	Low Build Low-Build 25 Panel for 16mm Pipe	16	1
	3092763	Low-Build 18 Panel foil-faced for 12mm Pipe	12	1
	3092818	Low-Build 18 Panel glass-fibre mesh for 12mm Pipe	12	1
	3092777	Diffuser Plates Double Diffuser Plate for 16mm Pipe	16	10
	3092783	Triple Diffuser Plate for 16mm Pipe	16	10
	3092825	Ancillaries Edge Expansion Foam 25mx150mm		1
	3033959	Cold Forming Bend for 16mm Pipe	16	1
	3092758	Cold Forming Bend for 12mm Pipe	12	1

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Underfloor Heating

UFH Manifolds


	SAP Code	Description		SAP Code	Description
	3092823	UFH Manifolds – Composite Composite Manifold Control Pack			UFH Manifolds – Stainless Steel Stainless Steel Manifold – Flow and Return
	3092749	Composite Manifold Starter Pack		3092735	2 Port
	3092733	Composite Manifold 1 Port Flow		3092741	3 Port
	3092751	Composite Manifold 1 Port Return		3092734	4 Port
	3092778	Composite Manifold 3 Port Flow		3092759	5 Port
	3092803	Composite Manifold 3 Port Return		3092762	6 Port
	4060502	Manifold Euroconus Adaptor 16mm x 1.8mm (Pair)		3092727	7 Port
	3092797	Manifold Euroconus Adaptor 12mm (Pair) Note - Compatible with both composite and stainless steel manifolds		3092732	8 Port
	3092788	Composite Manifold 22mm Isolation Valves (Pair)		3092723	9 Port
	3092811	Composite Manifold Flow Watch Thermostat		3092731	10 Port
				3092725	11 Port
				3092721	12 Port
				3092766	Single Port Pack
				3092757	1" Ball Valves Stainless Steel (Pair)
			3092730	Thermometer for Ball Valves	
			3092729	Thermometer with Spring	
			3092726	Auto Non-Return Vent Valve	
			3092719	1" Stainless Steel Female Coupling (Pair)	

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Underfloor Heating

UFH Controls

	SAP Code	Description
	4063796	UFH Sentio Network Controls Sentio CCU-208 8 Zone Control Centre
	4063800	Sentio EU-208 8 Way Extension Unit
	4063801	Sentio EU-208-VFR Extension Unit
	3077000	Sentio RT-210 Wired Thermostat
	3077001	Sentio RT-250 Wireless Thermostat
	3077004	Sentio RT-250IR Wireless IR Thermostat
	4063803	Sentio RT-200 Thermostat Frame
	3077002	Sentio RT-211 Wired Sensor
	3077003	Sentio RT-251 Wireless Sensor
	4063805	Sentio M28/M30 Smart Rad Thermostat
	4054939	Sentio Actuator Adapter VA78/RA
	4064150	Sentio Strap On Pipe Sensor
	4063806	Sentio ET210 Outdoor Sensor Wired
	4063802	Sentio LCD-200 Touch Screen
	4064828	Sentio CCU-200-USB Converter Cable
	3071174	UFH 24V Controls 16 Zone Control Centre (24V)
	3071169	Wired Progamme Thermostat (24V)
	3071171	Wireless Progamme Thermostat (24V)

	SAP Code	Description
	3080970	UFH 230V Network Controls UH8 Control Centre (Wired)
	3092815	UFH 230V Wired NeoStat (White)
	3092747	UH8RF Control Centre (Wireless)
	3092790	Neo Air Wireless Thermostat (White)
	4067607	Wireless Air Temperature Sensor
	3092821	Sensor Probe 24V / 230V
	3092739	Sensor Probe Cover
	3092753	NeoHub (up to 32 zones)

UFH Actuators

	SAP Code	Description
	3092817	Actuators Actuator (24V – 2 Wire) Compatible with UFH Sentio and 24V controls
	3092804	Actuator (230V – 2 Wire) Compatible with 230V UFH controls
	3092728	Actuator Adaptor

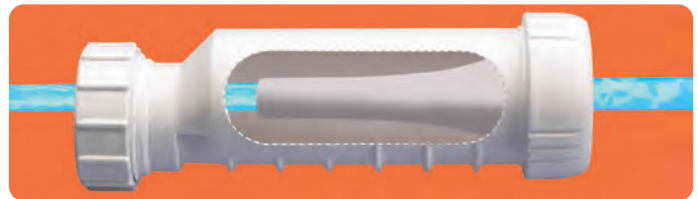
Wavin Hep_vO Hygienic Self-Sealing Waste Valve

Hep_vO is a unique self-sealing waste valve that prevents the escape of foul sewer air from waste discharge systems, and actively maintains the pressure equilibrium in soil and waste installations. As a dry sealing valve, Hep_vO utilises a purpose designed membrane to create an airtight seal between the living space and the drainage system. The self-sealing valve opens under the water pressure of an appliance emptying, and closes to form a tight seal after the appliance has discharged under normal atmospheric conditions.



Hep_vO Hygienic Self-Sealing Waste Valves

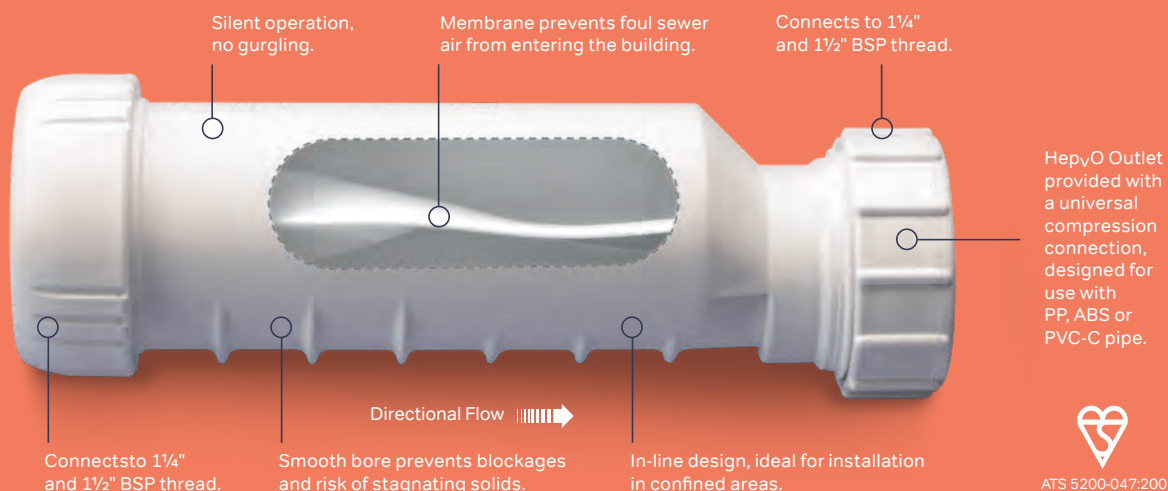
- Hep_vO is a self-sealing waste valve which prevents foul sewer air from entering a building
- Hep_vO is suitable for use as an alternative to a traditional water trap. As it doesn't rely on trapped water to create a seal, Hep_vO cannot lose its seal due to evaporation, movement or siphonage
- With its space saving design, Hep_vO can be installed horizontally or vertically
- Hep_vO allows the admittance of air into the waste system and can replace the need for AAV's in branch ventilation
- 32 and 40mm fittings: Hep_vO valves, knuckle adaptors, running adaptors and tundish kit (32mm only)
- Manufactured in white polypropylene
- For installation information, please refer to the Hep_vO Product and Installation Manual and videos on wavin.ie



Membrane opens and closes, to prevent foul sewer odour from returning.







Hep_vO can be installed either vertically or horizontally.






ATS 5200-047:2005

Wavin Hep_vO and Flexible Waste

Hep_vO Hygienic Self-Sealing Waste Valves

	Product Code	SAP Code	Description	Nom Dia mm (in)	Pack Qty
	BV1	3018899	Hep_vO Hep _v O Hygienic Self Sealing Waste Valve	32 (1¼")	1
	CV1	3018901		40 (1½")	1
	BV11	3018907	Hep _v O Knuckle Adaptor	32 (1¼")	1
	CV11	3018908		40 (1½")	1
	BV3	3018903	Hep _v O Running Adaptor – for installing Hep _v O in a pipe run	32 (1¼")	1
	CV3	3018905		40 (1½")	1
	BV1/21	3033817	Hep _v O Tundish Adaptor Kit	32 (1¼")	1

Flexible Waste

	Product Code	SAP Code	Description	Nom Dia mm (in)	Pack Qty
	FBP3	3031937	Flexible Waste Pipe Flexible Pipe Smooth Bore – use with Spigot Connectors 3.0m	32 (1¼")	1
	FCP3	3032189	3.0m	40 (1½")	1
	FBP6	3034111	6.0m	32 (1¼")	1
	FCP6	3034133	6.0m	40 (1½")	1
	FSBW6	3032323	S/W Spigot Fitting Spigot Fitting – to solvent weld waste	32 (1¼")	10
	FSCW6	3032324		40 (1½")	10
	FSCW30	3031939	Flexible Waste Connector 40mm Hepflex fabricated length effective length 315mm - Spigot: Spigot - to solvent weld waste	40 (1½")	1

Wavin Waste Solvent weld gravity drainage systems

Wavin Waste offers a choice of two solvent weld gravity drainage systems comprising of pipes and fittings. They are for the disposal of domestic wastewater as per the requirements of Part H of the Building Regulations 2010 and EN12056-2:2000 Gravity drainage inside buildings.

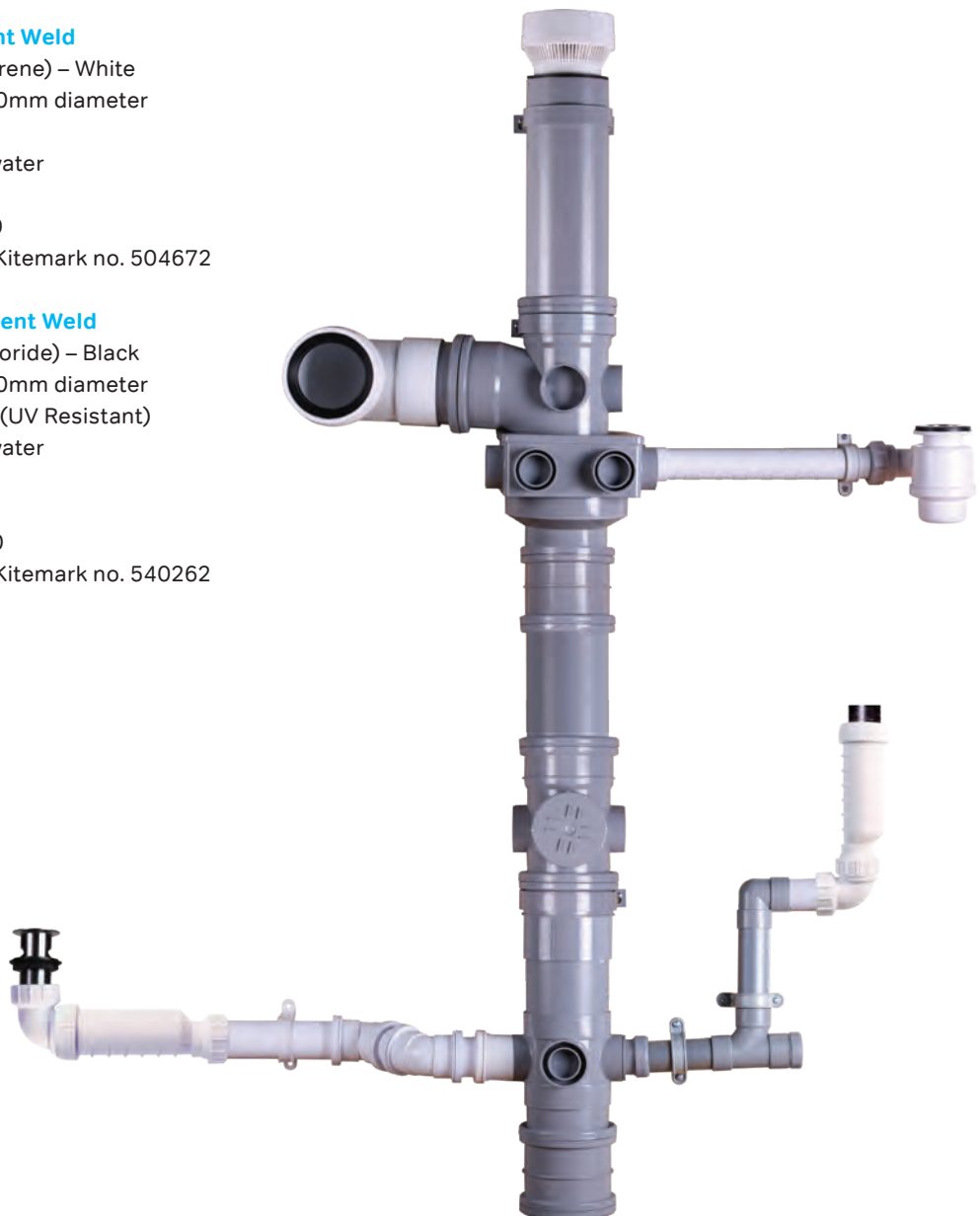


ABS White waste system – Solvent Weld

- ABS (Acrylonitrile Butadiene Styrene) – White
- Available in 32mm, 40mm and 50mm diameter
- Internal applications
- For disposal of domestic wastewater up to 93°C short term
- Manufactured to EN1455-1:2000
- Independent Certification – BSI Kitemark no. 504672

PVC-C Black waste system – Solvent Weld

- PVC-C (Chlorinated Polyvinyl chloride) – Black
- Available in 32mm, 40mm and 50mm diameter
- Internal or External applications (UV Resistant)
- For disposal of domestic wastewater up to 100°C short term
- Fire retardant properties
- Manufactured to EN1566-1:2000
- Independent Certification – BSI Kitemark no. 540262



Wavin ABS White Waste – Solvent Weld

Waste Pipe and Fittings

Suitable for use with intermittent discharges of water up to 90°C

	Product Code	SAP Code	Description	Nom Dia mm (in)	Pack Qty
	B0029W	3032437	Pipe (ABS) Pipe L=3 P/E	32 (1¼")	10
	B0030W	3036340	Pipe L=3 P/E	40 (1½")	10
	B0031W	3036544	Pipe L=3 P/E	50 (2)	10
	B0033W	3085786	Pipe L=4 P/E	32 (1¼")	10
	B0032W	3085785	Pipe L=4 P/E	40 (1½")	10
	B0034W	3085784	Pipe L=4 P/E	50 (2)	10
	B0824W	3032438	Brackets (ABS) Pipe Clip	32 (1¼")	30
	B0844W	3034969	Pipe Clip	40 (1½")	30
	B0864W	3035100	Pipe Clip	50 (2)	10
	B0823W	3032439	Couplers – Double Socket (ABS) D/S Coupler	32 (1¼")	20
	B0843W	3032445	D/S Coupler	40 (1½")	30
	B0863W	3032090	D/S Coupler	50 (2)	5
	B0833W	3035170	Bends – Double Socket (ABS) D/S Knuckle Bend 90°	32 (1¼")	10
	B0853W	3032446	D/S Knuckle Bend 90°	40 (1½")	20
	B0679W	3035679	D/S Knuckle Bend 90°	50 (2)	5
	B0820W	3032441	D/S Bend 90°	32 (1¼")	25
	B0840W	3032094	D/S Bend 90°	40 (1½")	10
	B0860W	3032433	D/S Bend 90°	50 (2)	5
	B0821W	3032092	D/S Bend 45°	32 (1¼")	20
	B0841W	3032447	D/S Bend 45°	40 (1½")	20
B0861W	3032434	D/S Bend 45°	50 (2)	5	
	B0822W	3032442	Single Branches – D/S (ABS) Equal Tee 90° 32x32	32 (1¼")	10
	B0842W	3032448	Equal Tee 90° 40x40	40 (1½")	5
	B0862W	3032435	Equal Tee 90° 50x50	50 (2)	5
	B0902W	3035404	Equal Tee 45° 32x32	32 (1¼")	10
	B0903W	3032449	Equal Tee 45° 40x40	40 (1½")	5
	B0904W	3032436	Equal Tee 45° 50x50	50 (2)	5
	B0854W	3035810	Double Branches – D/S (ABS) Equal Cross Tee 90° 40x40x40	40 (1½")	5
	B0874W	3035991	Equal Cross Tee 90° 50x50x50	50 (2")	5
	B0825W	3032093	Access Plug (ABS) Access Plug	32 (1¼")	5
	B0845W	3032450	Access Plug	40 (1½")	15
	B0865W	3032091	Access Plug	50 (2)	5

	Product Code	SAP Code	Description	Nom Dia mm (in)	Pack Qty
	B0835W	3035359	Connectors & Adaptors (PP) or (ABS) PP Straight Tank Connector	32 (1¼")	10
	B0855W	3035480	PP Straight Tank Connector	40 (1½")	5
	3035263	3035263	ABS Female Iron Connector	32 (1¼")	5
	3035254	3035254	ABS Female Iron Connector	40 (1½")	10
	3032440	3032440	ABS Male Iron Connector	32 (1¼")	5
	3035253	3035253	ABS Male Iron Connector	40 (1½")	10
	3035545	3035545	ABS Male Iron Connector	50 (2)	5
	3038392	3038392	Adaptors/Reducers 32mm to 21.5mm	-	5
	B0850	3032444	ABS Level Invert Reducer 40mm to 32mm (1½" x 1¼")	-	1
	3034940	3034940	Adaptor/Reducer with 32mm socket and 40mm plain end	-	5
	B0856	3032432	Adaptor/Reducer with 32mm socket and 50mm plain end	-	5
	B0876	3032431	Adaptor /Reducer with 40mm socket and 50mm plain end	-	5
	3035106	3035106	Expansion Sockets Push-fit/solvent socket 32mm Expansion Socket	32	10
	3035368	3035368	Push-fit/solvent socket 40mm Expansion Socket	40	10
	3035538	3035538	Push-fit/solvent socket 50mm Expansion Socket	50	5
	C8380G	4039532	Cleaner & Solvent Cement Cleaner 250ml Can	-	-
	4039533	4039533	Solvent Cement 250ml Can	-	-

Wavin PVC-C Black Waste – Solvent Weld

Waste Pipe and Fittings

	Product Code	SAP Code	Description	Nom Dia mm (in)	Pack Qty
	4M073B	3036221	Pipe (PVC-C) P/E Pipe L=3	32 (1¼")	10
	5M073B	3036342	P/E Pipe L=3	40 (1½")	10
	2M073B	3036548	P/E Pipe L=3	50 (2")	5
	4M081B	3034947	Brackets (PVC-C) Pipe Bracket	32 (1¼")	40
	5M081B	3034958	Pipe Bracket	40 (1½")	35
	2M081B	3035085	Pipe Bracket	50 (2")	10
	4M104B	3034991	Couplers – Double Socket (PVC-C) D/S Coupler	32 (1¼")	10
	5M104B	3035123	D/S Coupler	40 (1½")	10
	2M104B	3035584	D/S Coupler	50 (2")	5
	4M160B	3035160	Bends – Double Socket (PVC-C) D/S Knuckle Bend 90°	32 (1¼")	30
	5M160B	4039182	D/S Knuckle Bend 90°	40 (1½")	30
	2M160B	3035874	D/S Knuckle Bend 90°	50 (2")	5
	4M161B	4039169	D/S Bend 90°	32 (1¼")	10
	5M161B	4039174	D/S Bend 90°	40 (1½")	40
	2M161B	4039320	D/S Bend 90°	50 (2")	5
	4M163B	4039153	D/S Bend 45°	32 (1¼")	10
	5M163B	4039163	D/S Bend 45°	40 (1½")	20
	2M163B	4039241	D/S Bend 45°	50 (2")	5
	4M260B	3040517	Bend – Long Tail (PVC-C) S/S Long Tail Spigot Bend 90°	32 (1¼")	5
	5M260B	3040518	S/S Long Tail Spigot Bend 90°	40 (1½")	15
	4M190B	3035335	Single Branches – D/S (PVC-C) Equal Tee 90°	32 (1¼")	5
	5M190B	4039208	Equal Tee 90°	40 (1½")	15
	2M190B	4039386	Equal Tee 90°	50 (2")	5
	4M292B	3034932	Access Plug (PVC-C) Access Plug	32 (1¼")	5
	5M292B	3035047	Access Plug	40 (1½")	5
	2M292B	3035248	Access Plug	50 (2")	5
	5M455B	3034938	Adaptor / Reducer (PVC-C) Reducer 40x32	40x32	10
	2M458B	3035348	Reducer 50x32	50x32	5
	2M456B	3035363	Reducer 50x40	50x40	5
	C8380G	4039532	Cleaner & Solvent Cement Cleaner 250ml Can	–	–
	4039533	4039533	Solvent Cement 250ml Can	–	–

Wavin Soil & Waste Ancillaries

WC Connectors – Easy-fit

	Product Code	SAP Code	Description	Nom Dia mm (in)	Pack Qty
	C8640W	3032494	Easy-fit Pan Connectors WC Connector Straight	110 (4)	1
	C8642W	3032495	WC Connector Offset	110 (4)	1
	C8641W	3036192	WC Connector Bend 14°	110 (4)	1
	C8904W	3036569	WC Connector Long Bend 90°	110 (4)	1
	C8404W	3032496	Straight Extension Piece	110 (4)	1
	C8646W	3018909	Flexible Pan Connector – Fits inside 110mm (4)	110 (4)	1

Wavin Soil & Waste Ancillaries

Soil Ancillaries

	Product Code	SAP Code	Description	Nom Dia mm (in)	Pack Qty
	3037187	3037187	D/S WC Manifold Branch – Straight Straight	110	1
	3037186	3037186	Left Hand	110	1
	3037191	3037191	8°	110	1
	3037193	3037193	15.5°	110	1
	3037192	3037192	23°	110	1
	3037195	3037195	30.5°	110	1
	3037195	3037195	38°	110	1
	3037190	3037190	Right Hand	110	1
	3037188	3037188	8°	110	1
	3037189	3037189	15.5°	110	1
	3037194	3037194	23°	110	1
3037196	3037196	30.5°	110	1	
3037196	3037196	38°	110	1	
	3037224	3037224	P/E Pipe 600mm length	110	1
	C8303W	4039343	Air Admittance Valves Wavin 40	40 (1½)	1
	C8721W	4039484	Wavin 110	110 (4)	1
	C8705G	4039601	Pipe Flashing Aluminium Pipe Flashing 400x400 – for flat roofs	110 (4)	1
	C8706G	4039602	Aluminium Pipe Flashing 450x450 – for pitched roofs	110 (4)	1

Wavin Soil PVCu Push-fit System

The Wavin Soil PVCu push-fit range offers an exceptional choice of pipe and fittings including brackets, bends, branches, adaptors and access fittings. It is a gravity drainage system for the disposal of soil and rainwater for all types of buildings, meeting the design performance and layout requirements of EN12056:2000.



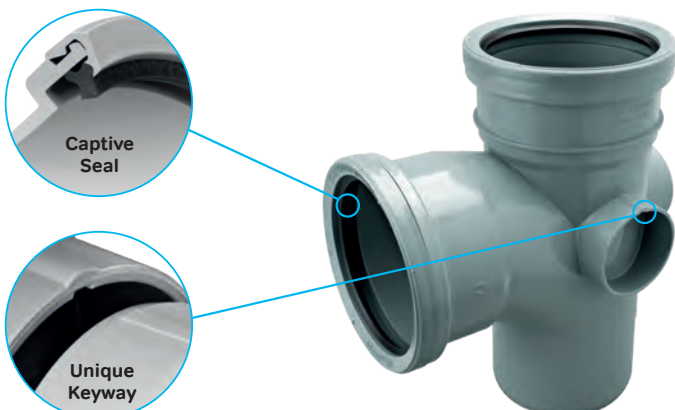
- Available in diameters, 82mm*, 110mm and 160mm*
- Colour: Black, White and Grey
- Suitable for internal and external applications as per the requirements of TGD Part H Building Regulations 2010
- Unique Keyway for Boss Socket adaptor to ensure correct fall for waste pipe
- 110mm and 160mm pipes are manufactured utilising Wavin's Recycore® Technology
- Manufactured to EN1329-1:2014 / EN1453-1:2000
- Weathering resistance conforming to BS 4514:20001
- Independent Certification – BSI Kitemark

Captive Seal Technology

Wavin Soil pipe and fittings have seals that always stay where they should; fittings via an innovative co-moulded seal and cap (captive seal), ensuring the seals do not dislodge and remain airtight. Socketed pipes have a co-moulded rubber and polypropylene ring which is retained inside the socket.

Unique Keyway

OsmaSoil fittings have a unique keyway. When the Boss Socket Adaptor is installed the locating key fits into the corresponding keyway on the fitting ensuring the correct fall is achieved every time.



Single Socket (S/S)

S/S Pipe

Pipe will have push fit socket on one end and chamfered on the other end



S/S Branch

Main line will have one push fit socket and one plain end
All branches will be socketed



All other S/S fittings

Will have one end push fit socket and the other plain end

SW/S Solvent Weld/Single (SW/S)

Fittings with one or more solvent sockets and one plain or special end



Double Socket (D/S)

D/S Branches

Main line will have push fit socket on both ends
All branches will be socketed



All other D/S fittings

Will be push fit socket on both ends

Double/Solvent Weld (D/SW)

Fittings with solvent sockets at all ends



Key to abbreviations

BK Black
W White
G Grey

Important Note:
Wavin Soil fittings must be ordered in their pack multiples as illustrated.

Wavin Soil

PVCu Push-fit – Black

Soil Pipe and Fittings

	Product Code	SAP Code	Description	Nom Dia mm (in)	Pack Qty
	C3766BK	3080894	PVC-U Soil Pipe Socketed to EN1453-1 L = 3m	110 (4)	114
	C3765BK	3037702	L = 4m	110 (4)	114
	C3770BK	3080895	L = 6m	110 (4)	114
	C8042BK	3035671	PVC-U Brackets PVC-U Pipe Bracket	110 (4)	10
	C8083BK	3035809	PVC-U Socket Bracket	110 (4)	5
	C8028BK	3079701	Couplers D/S Pipe Coupler	110 (4)	5
	C8125BK	3070707	D/S Acoustic Socket	110 (4)	5
	C8459BK	3075288	D/S Repair Coupler	110 (4)	5
	C8465BK	3035814	Adaptors/Reducers S/S Reducer 110x50	110 (4)	5
	C8644BK C8645BK	3054427 3054428	Internal Drain Connector for 32mm/40mm Waste Pipe Internal Drain Connector for 50mm Waste Pipe	110 (4) 110 (4)	5 5
	C8029BK	3075290	S/S Short Radius Bends S/S Bend 90°	110 (4)	5
	C8160BK	3043022	Spigot Bend TR 90° (Tight Radius)	110 (4)	10
	C8031BK	3075291	S/S Bend 45°	110 (4)	5
	C8032BK	3075298	D/S Short Radius Bends D/S Bend 90°	110 (4)	12
	C8034BK	3066559	D/S Bend 45°	110 (4)	9

	Product Code	SAP Code	Description	Nom Dia mm (in)	Pack Qty
	C8190BK	3079706	S/S Single Branches S/S Single Branch 90° 110x110	110 (4)	5
	C8460BK	3036724	S/S Single Branch 90° 110x110 with 5x Boss Upstand	110 (4)	5
	C8200BK	3036727	S/S Single Branch 67.5° 110x110	110 (4)	1
	C8473BK	3036644	S/S Single Branch 45° 110x110	110 (4)	5
	C8230BK	3036985	S/S Double Branch S/S Double Branch 90° 110x110	110 (4)	1
	C8033BK	3066556	D/S Single Branches D/S Single Branch – 90° Plain	110 (4)	9
	C8035BK	3066795	D/S Single Branch – 45° Plain	110 (4)	8
	C8581BK	3060277	Bossed Pipes S/S Bossed Pipe for 32mm	110x32	5
	C8582BK	3060278	S/S Bossed Pipe for 40mm	110x40	5
	C8589BK	3079707	S/S Bossed Pipe with 4 x Boss Socketed	110 (4)	5

Wavin Soil

PVCu Push-fit – Black

	Product Code	SAP Code	Description	Nom Dia mm (in)	Pack Qty
	C8462BK	3079704	D/SW Bossed Pipe Push-fit	110x32	5
	C8461BK	3079703	D/SW Bossed Pipe Push-fit	110x40	5
	C8638BK	3036638	D/SW Bossed Pipe Solvent Weld	110x32	5
	C8484BK	3036261	D/SW Bossed Pipe Solvent Weld	110x40	5
	C8588BK	3036263	D/SW Short Boss Pipe	110 (4)	5
	C8398BK	3079749	Bossed Socket Adaptors S/S Boss Adaptor Ring Seal	50x32	10
	C8399BK	3079750	S/S Boss Adaptor Ring Seal	50x40	5
	C8360BK	3079751	S/S Boss Adaptor Ring Seal	50 (2)	5
	C8298BK	3035116	SW/S Boss Adaptor Solvent Weld	50x32	10
	C8299BK	3035179	SW/S Boss Adaptor Solvent Weld	50x40	10
	C8403BK	3035401	SW/S Boss Adaptor Solvent Weld	50 (2)	5
	C8319BK	3079708	Strap Bosses Strap Boss	110	5
	C8322BK	3043017	Clip Boss	110x32	10
	C8321BK	3043020	Clip Boss	110x40	5
	C8001BK	3079702	Access Fittings & Plugs S/S Access 90° Bend with Screwed Access Door	110 (4)	5
	C8036BK	3079705	S/S Single Access Branch – 90° with Screwed Access Door and 2 x Boss	110 (4)	1
	C8274BK	3036803	Bossed Access Pipe With Screwed Access Door and 3 x Boss Upstand	110 (4)	1

	Product Code	SAP Code	Description	Nom Dia mm (in)	Pack Qty
	C8275BK	3035958	S/S Access Saddle	110 (4)	1
	C8708BK	3032103	Plain Ended Socket Plug with Screwed Access	110 (4)	1
	C8709BK	3035889	Plain Ended Socket Plug with 1 x Boss Socket	110 (4)	5
Ancillaries					
	C8483BK	3035787	Weathering Collar	110 (4)	5
	C8302BK	3075821	Balloon Grating	110 (4)	5
	C8018BK	3024840	SW/S Roof Cowl	110 (4)	5
	T5326BK	3036412	Hopper Head Flow capacity 6.47 l/s	110 (4)	5
Lubricants					
	4039507	4039507	Silicone Lubricant Spray 400ml	-	-
	3066737	3066737	Wavin lubricant 800g Tub	-	-

Wavin Soil

PVCu Push-fit – White

Soil Pipe and Fittings

	Product Code	SAP Code	Description	Nom Dia mm (in)	Pack Qty
	C3765W	3037706	PVC-U Soil Pipe Socketed to EN1453-1 L = 4m	110 (4)	2
	C8042W	3035681	PVC-U Brackets PVC-U Pipe Bracket	110 (4)	10
	C8028W C8459W	3043016 3043026	Couplers D/S Pipe Coupler D/S Repair Coupler	110 (4) 110 (4)	10 5
	C8644BK C8645BK	3054427 3054428	Adaptors/ Reducers Internal Drain Connector for 32mm/40mm Waste Pipe Internal Drain Connector for 50mm Waste Pipe	110 (4) 110 (4)	5 5
	C8029W C8031W	3036574 3036325	S/S Short Radius Bends S/S Bend 90° S/S Bend 45°	110 (4) 110 (4)	5 5
	C8032W C8034W	3040905 3067154	D/S Short Radius Bends D/S Bend 90° D/S Bend 45°	110 (4) 110 (4)	5 5
	C8190W C8460W	3036784 3036725	S/S Single Branches S/S Single Branch 90° with 3 Boss S/S Single Branch 90° with 5 Boss	110 (4) 110 (4)	5 5
	C8033W	3066558	D/S Single Branch D/S Single Soil Branch 90°	110 (4)	12

	Product Code	SAP Code	Description	Nom Dia mm (in)	Pack Qty
	C8230W	3043047	S/S Double Branch S/S Double Branch with 2 x Boss 90°	110 (4)	1
	C8589W	3036459	Bossed Pipes S/S Bossed Pipe with 4 Boss Sockets	110	5
	C8398W	3035120	Bossed Socket Adaptors S/S Boss Adaptor 50x32 (Ring Seal)	50x32	5
	C8399W	3035190	S/S Boss Adaptor 50x40 (Ring Seal)	50x40	10
	C8360W	3035406	S/S Boss Adaptor 50 (Ring Seal)	50	5
	C8319W	3035589	Strap Bosses Strap Boss	110 (4)	5
	C8322W	3043019	Clip Boss 32	110x32	10
	C8321W	3043021	Clip Boss 110x40	110x40	5
	C8001W	3036536	Access Fittings & Plugs S/S Access 90 ° Bend with screwed access door	110 (4)	5
	C8274W	3036780	Bossed Access Pipe With Screwed Access Door and 3 x Boss	110 (4)	5
	C8588W	3043048	D/SW Short Bossed Pipe	110 (4)	5
	C8462W	3036203	D/SW Bossed Pipe (Ring Seal) – for 1¼" / 32 plastic	110 x 32	5

Wavin Soil

PVCu Push-fit – White

	Product Code	SAP Code	Description	Nom Dia mm (in)	Pack Qty
	C8461W	3036205	D/SW Bossed Pipe (Ring Seal) – for 1 1/2" / 40 plastic	110 x 40	5
	C8708W	3036036	Plain Ended Socket Plug with Screwed Access	110 (4)	1
	C8709W	3035887	Plain Ended Socket Plug with 1 x Boss Socket	110 (4)	5
	C8302W	3035536	Ancillaries Balloon Grating	110 (4)	5
	C8310W	3043037	Vent Cowl	110 (4)	1
	4039507	4039507	Lubricants Silicone Lubricant Spray 400ml	–	–
	3066737	3066737	Wavin lubricant 800g Tub	–	–

Wavin Soil PVCu Push-fit – Grey

Soil Pipe and Fittings

	SAP Code	Description	Nom Dia mm (in)
	3037148	PVC-U Soil Pipe Socketed to EN1453-1 L = 3m	82 (3)
	3037556	L = 3m	110 (4)
	3037704	L = 4m	110 (4)
	3037949	L = 4m	160 (6)
	3037703	P/E PVC-U Pipe to EN1453-1 L = 4m	110 (4)
	3032454	PVC-U Brackets PVC-U Pipe Bracket	82 (3)
	3032465	PVC-U Pipe Bracket	110 (4)
	3032486	PVC-U Pipe Bracket	160 (6)
	3035552	PVC-U Socket Bracket	82 (3)
	3031909	PVC-U Socket Bracket	110 (4)
		4039375	Steel Brackets Pipe or Socket Bracket (BZP Coated Steel)
4039444		Pipe or Socket Bracket (BZP Coated Steel)	160 (6)
	4039492	Suspended Bracketing System (Not suitable for damp inaccessible voids) Steel Pipe Bracket - Adjustable	110 (4)
	4039494	Steel Pipe Bracket - Adjustable Adjustable Pipe Bracket Assembly (pack containing threaded rod, threaded bracket, bracket plate and pipe/socket bracket) – BZP coated steel	160 (6)
	4039540	Steel Socket Bracket Adjustable Socket Bracket and Brace Assembly (pack containing threaded rod, threaded bracket, bracket plate, two adjustable braces and pipe/socket bracket) – BZP coated steel	110 (4)
	3032456	Couplers D/S Repair Coupler	82 (3)
	3043015	D/S Pipe Coupler	110 (4)
	3070705	D/S Acoustic Socket	110 (4)
	3031977	D/S Repair Coupler	110 (4)
	3032487	D/S Repair Coupler	160 (6)
	3043035	Adaptors/ Reducers Reducer 110x32mm Waste	110 (4)
	3043036	Reducer 110x40mm Waste	110 (4)
	3032467	S/S Reducer 110x50	110 (4)
	3032466	S/S Reducer 110x82	110 (4)
	3031978	S/S Reducer 160x110	110 (4)
	3054427	Internal Drain Connector for 32mm/40mm Waste Pipe	110 (4)
	3054428	Internal Drain Connector for 50mm Waste Pipe	110 (4)
	3003232	110x40x40 (for use with OsmaLink adaptor to 40mm waste 3035106)	50

Wavin Soil

PVCu Push-fit – Grey

	SAP Code	Description	Nom Dia mm (in)
	3032457	S/S Short Radius Bends S/S Bend 90°	82 (3)
	3032469	S/S Bend 90°	110 (4)
	3031979	S/S Bend 90°	160 (6)
	3043023	Spigot Bend TR 90°	110 (4)
	3036144	S/S Bend 67.5°	82 (3)
	3036525	S/S Bend 67.5°	110 (4)
	3032458	S/S Bend 45°	82 (3)
	3032470	S/S Bend 45°	110 (4)
	3032488	S/S Bend 45°	160 (6)
	3036334	S/S Bend 30°	110 (4)
	3036318	S/S Bend 15°	110 (4)
	3036432	S/S Adjustable Bends S/S PP Adjustable Bend 30°	110 (4)
3032472	S/S Adjustable Bend 0-90°	110 (4)	
	3040903	D/S Short Radius Bends D/S Bend 90°	110 (4)
	3066849	D/S Bend 45°	110 (4)
	3036579	S/SW Bend 90° (ring seal socket and solvent weld socket)	110 (4)
	3032459	S/S Single Branches S/S Single Branch 90° with 3 Boss	82 (3)
3032473	S/S Single Branch 90° with 3 Boss	110 (4)	
3032489	S/S Single Branch 90° with 3 Boss	160 (6)	

	SAP Code	Description	Nom Dia mm (in)
	3036719	S/S Single Branch 90° with 5 Boss	110 (4)
	3036728	S/S Single Branch 67.5°	110 (4)
	3032460 3032474 3037397	S/S Single Branch 45° S/S Single Branch 45° S/S Single Branch 45°	82 (3) 110 (4) 160 (6)
D/S Single Branches			
	3066557	D/S Single Branch 90°	110 (4)
	3066850	D/S Single Branch 45°	110 (4)
S/S Unequal Single Branches			
	3032096	S/S Unequal Single Branch 90°	160x110
	3032490	S/S Unequal Single Branch 45°	160x110
S/S Double Branches			
	3024845	S/S Double Branch with 2 x Boss Upstand 90°	110 (4)
	3024844	S/S Double Branch 45°	110 (4)

Wavin Soil












PVCu Push-fit – Grey

	SAP Code	Description	Nom Dia mm (in)
	3024843	S/S Corner Branch 90°	110 (4)
	3031911	S/S Unequal Double Branch S/S Unequal Double Branch 160x110	160x110
	3036136	Bossed Pipes S/S Bossed Pipe	82 (3)
	3036613	S/S Bossed Pipe for 32mm	110x32
	3036614	S/S Bossed Pipe for 40mm	110x40
	3031910	S/S Bossed Pipe with 4 Boss Sockets	110 (4)
	3024847	Bossed Socket Adaptors S/S Boss Adaptor 50x32 (Ring Seal)	50x32
	3032452	S/S Boss Adaptor 50x40 (Ring Seal)	50x40
	3032453	S/S Boss Adaptor 50 (Ring Seal)	50
	3035585	S/S Boss Adaptor 50 (Ring Seal)	50

	SAP Code	Description	Nom Dia mm (in)
	3036795	Manifolds 6 Boss Soil Manifold	110 (4)
	3036799	OsmaLink Soil Manifold	110 (4)
	3035106	OsmaLink manifold adaptor to 40mm waste	40
	3020504	OsmaLink manifold adaptor 90° Bend to 40mm	40
	3020505	OsmaLink manifold adaptor 90° Bend to 50mm	50
	3032463	Strap Bosses Strap Boss	82 (3)
	3032478	Strap Boss	110 (4)
	3043018	Clip Boss 32mm	110x32
	3043003	Clip Boss 40mm	110x40
	3032471	Access Fittings & Plugs S/S Access 90 ° Bend with screwed access door	110 (4)
	3032483	S/S Single Access Branch – 90° with Screwed Access Door and 2 x Boss Upstand	110 (4)
	3036230	S/S Bolted Access Pipe	82 (3)

Wavin Soil

PVCu Push-fit – Grey

	SAP Code	Description	Nom Dia mm (in)
	3032475	Bossed Access Pipe With Screwed Access Door and 3 x Boss	110 (4)
	3032491	Bossed Access Pipe With Screwed Access Door and 3 x Boss	160 (6)
	3035960	S/S Access Saddle	110 (4)
	3032461	P/E Socket Plug with Screwed Access	82 (3)
	3032095	P/E Socket Plug with Screwed Access	110 (4)
	3032492	P/E Socket Plug with Screwed Access	160 (6)
	3032476	P/E Socket Plug with 1 x Boss Socket	110 (4)
	3032464	Roof Outlets SW/S Domed Roof Outlet – flow capacity 2.97 l/s	82 (3)
	3032480	SW/S Domed Roof Outlet – flow capacity 4.35 l/s	110 (4)
   	3035459	Ancillaries Weathering Collar	82 (3)
	3035895	Weathering Collar	110 (4)
	3032462	Balloon Grating	82 (3)
	3032477	Balloon Grating	110 (4)
	3032493	Balloon Grating	160 (6)
	3024842	SW/S Roof Cowl	110 (4)
	3036413	Hopper Head Flow capacity 6.47 l/s	110 (4)
 	4039507	Lubricants Silicone Lubricant Spray 400ml	-
	4037675	Wavin lubricant 500g Tub	-

Wavin Compact Soil PVCu – Olive Grey

PVC-U design flexibility for tighter waste connections

The Compact Soil system enables space saving and flexible installations for efficient removal of waste water. Reduced installed dimensions minimise duct space required, providing the ideal solution for multi-occupancy and flat developments, where space is a premium.



Features and Benefits

Space Saving

- Compact Soil units allow greater design flexibility with tighter connections to 32, 40 and 50mm waste pipework
- The reduced dimensions help minimise the duct space required

Ease of Installation

- Branches available with rotating bases: enables connections in difficult-to-reach spaces
- Innovative 'stop' position on fitting to prevent waste being installed with a fall less than 2.5°
- Solvent weld and push-fit connection options

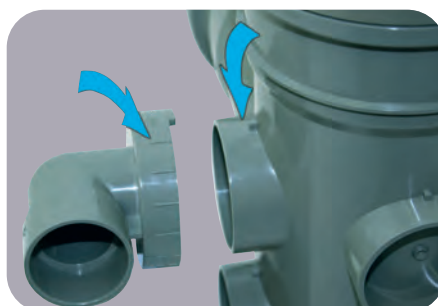
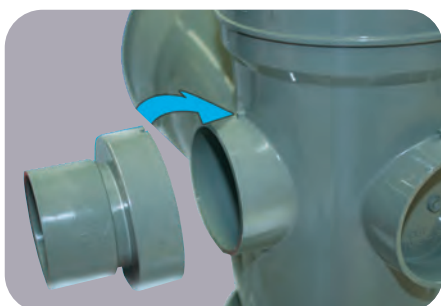
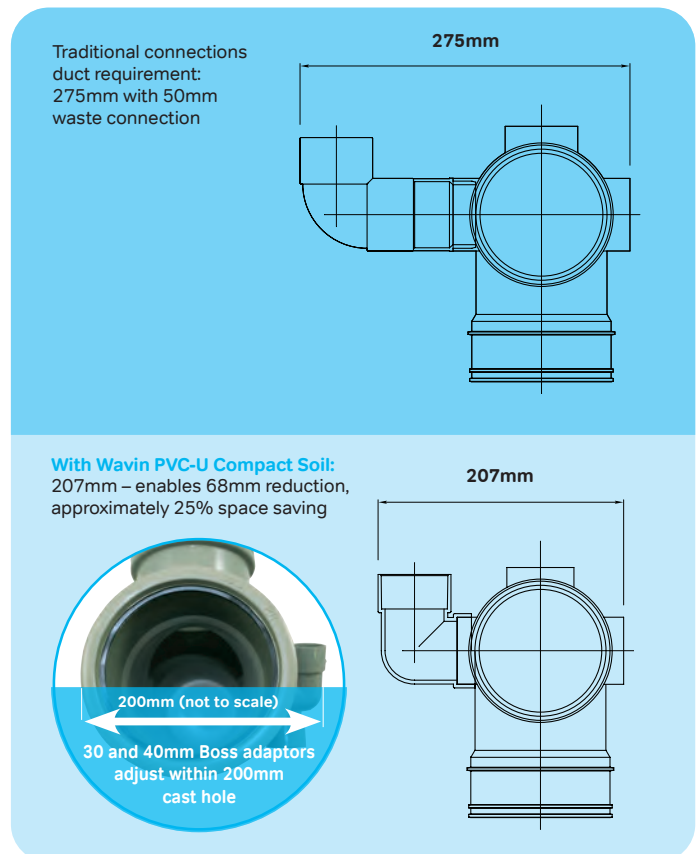
Sustainability

110mm and 160mm pipes are manufactured utilising Wavin's Recycore® Technology.

Applications

For vertical soil stacks and horizontal WC pipe in buildings where space is at a premium:

- Apartment buildings
- Hotels
- Warehouses
- Retail developments
- Halls of residence
- Hospitals
- Offices






Wavin Compact Soil PVCu Solvent Weld – Olive Grey

Pipes

	SAP Code	Description	Nom Dia mm
	3037551	Plain Ended Pipe 3m Δ	110
	3037700	4m Δ	110
	3037947	4m Δ	160

Fittings

	SAP Code	Description	Nom Dia mm
	3035925 3036058	PVC-U Bracket	110 160
	3035811	PVC-U Socket Bracket	110
	4039375 4039444	Steel Brackets Pipe or Socket Bracket (BZP Coated Steel) Pipe or Socket Bracket (BZP Coated Steel)	110 (4) 160 (6)
	4039492 4039494	Suspended Bracketing System (Not suitable for damp inaccessible voids) Steel Pipe Bracket - Adjustable Steel Pipe Bracket - Adjustable Adjustable Pipe Bracket Assembly (pack containing threaded rod, threaded bracket, bracket plate and pipe/socket bracket) – BZP coated steel	110 (4) 160 (6)
	4039540	Steel Socket Bracket Adjustable Socket Bracket and Brace Assembly (pack containing threaded rod, threaded bracket, bracket plate, two adjustable braces and pipe/socket bracket) – BZP coated steel	110 (4)
	3032102 3036416	Couplers D/SW Pipe Coupler D/SW Pipe Coupler	110 160
	3036151 3075421	S/SW Pipe Coupler S/SW Pipe Coupler	110 160
	3035886 3031980 3054427 3054428	Adaptors/Reducers S/SW Reducer 110x50mm S/SW Reducer 160x110mm Internal Drain Connector for 32mm/40mm Waste Pipe Internal Drain Connector for 50mm Waste Pipe	110 160 110 (4) 110 (4)

	SAP Code	Description	Nom Dia mm
	4039352	Expansion Cap	110
	3036317	SW/S Bends SW/S Bend 11.25°	110
	3036526	SW/S Long Tail Bend SW/S Long Tail Bend 87.5°	110
	3036323	Offset Bends SW/S Offset Bend Bottom 67.5°	110
	3075408	SW/S Offset Bend Top 67.5°	110
	3036892	D/SW Offset Bend Top 67.5°	110
	3032481 3037226 3032482 3036817	Double/Solvent Weld Bends D/SW Bend 90° D/SW Bend 90° D/SW Bend 45° D/SW Bend 45°	110 160 110 160
	3075383	Single Branches – Single Solvent Weld Socket SW/S Single Branch 90° – 3 Boss	110
	3075368	SW/S Single Branch 90° – 5 Boss	110
	3036643	Single Branches – Double Solvent Weld Socket D/SW Single Branch 45°	110
	3075390	D/SW Single Branch 90° – 3 Boss	110

Wavin Compact Soil PVCu Solvent Weld – Olive Grey

	SAP Code	Description	Nom Dia mm
	3037198 3037221	D/SW Single Branch 90° D/SW Single Branch 90° D/SW Unequal Single Branch 90°	160 160/110
	3075379	Single Branches – Double Solvent Weld Socket D/SW Single Branch 90° – 5 Boss	110
	3075391	S/SW Single Branch 90° – 3 Boss S/SW Single Branch 90° – 3 Boss	110
	3075387	Double Branch – Single SW Socket SW/S Double Branch 90° – 2 Boss	110
	3075381	SW/S Double 4-Boss Branch SW/S Double Branch 90° – 4 Boss	110
	3075410	SW/S Corner Branch SW/S Corner Branch – 90°	110
	3075388	Double Branches – Double SW Socket D/SW Double Branch 90° – 2 Boss	110
	3075382	D/SW Double 4-Boss Branch D/SW Double Branch 90° 4-Boss	110
	3075414	Bossed Pipes D/SW Short Bossed Pipe – 3 Boss	110
	3075413	D/SW Bossed Pipe - 4 Boss	110


	SAP Code	Description	Nom Dia mm
	3036202	D/SW Bossed Pipe (Solvent Weld) for 1 1/4" / 32mm	110
	3036262	D/SW Bossed Pipe (Solvent Weld) for 1 1/2" / 40mm	110
	3075412	SW/S Bossed Pipe - 4 Boss	110
	3075415	S/SW Bossed Pipe - 4 Boss Ring Seal & SW Socket	110
	3075367	Boss Adaptors SW/S Boss Adaptor 90° for 40mm	40
	3075611	SW/S Boss Adaptor 90° for 50mm	50
	3075364	SW/S Boss Adaptor Straight for 32mm	32
	3075365	SW/S Boss Adaptor Straight for 40mm	40
3075366	SW/S Boss Adaptor Straight for 50mm	50	
	3075417	6 Boss Manifold	110
	3075407	Strap Boss	110
	3075384	Access Fittings & Plugs D/SW Branch 90° – 2 Boss with screwed access	110
	3036974	D/SW Bend 90° with screwed access	110
	3075409	D/SW Bossed Access Pipe with screwed access and 3 boss sockets	110
	3075411	SW/S Bossed Access Pipe with screwed access and 3 boss sockets	110
3075422			160

Wavin Compact Soil PVCu Solvent Weld – Olive Grey

	SAP Code	Description	Nom Dia mm
	3036034	P/E Access Plug	110
	3036030	SW/S Access Plug	110
	3032492	SW/S Access Plug (light grey)	160
	3035884	P/E Socket Plug with one boss socket	110
	3035535	Ancillaries Balloon Grating	110
	3035788	Weathering Collar	110
	3031913	SW/S Vent Cowl	110
	4039532	Cleaner & Solvent Cement Cleaner 250ml Can	-
	4039533	Solvent Cement 250ml Can	-

Wavin Compact Soil PVCu Push-fit – Olive Grey

Pipes


	SAP Code	Description	Nom Dia mm
	3075400	Socketed Pipe 4m Δ	110
	3075418	3m Δ	160

Fittings

	SAP Code	Description	Nom Dia mm
	3035925 3036058	PVC-U Pipe Bracket	110 160
	3035811	PVC-U Socket Bracket	110
	4039375 4039444	Steel Brackets Pipe or Socket Bracket (BZP Coated Steel) Pipe or Socket Bracket (BZP Coated Steel)	110 (4) 160 (6)
	3075403 3075420	Couplers D/S Coupler D/S Coupler	110 160
	3080460	Acoustic Coupler PVC-U Acoustic Coupler	110
	3075402 3075401 3075419 3054427 3054428	Adaptors/Reducers S/S Reducer 110x50mm S/S Reducer 110x82mm S/S Reducer 160x110mm Internal Drain Connector for 32mm/40mm Waste Pipe Internal Drain Connector for 50mm Waste Pipe	110 110 160 110 (4) 110 (4)
	3075405	Single Socket Bends S/S Bend 90°	110
	3075406	Single Socket Adjustable Bend S/S Adjustable Bend – 30°	110
	3075385	Branches S/S Variable Branch 90° – 6 Boss	110

Wavin Compact Soil PVCu Push-fit – Olive Grey

	SAP Code	Description	Nom Dia mm
	3075386	S/S Single Branch 90° – 3 Boss	110
	3075380	S/S Single Branch 90° - 5 Boss	110
	3075391	S/SW Single Branch 90° – 3 Boss Ring Seal & SW Socket	110
	3075392	S/S Unequal Junction – 45°	160/110
	3075393	D/S Unequal Single Branch – 90° - 5 Boss	160/110
	3075389	S/S Double Branch 90° – 2 Boss	110
	3075415	Bossed Pipe S/SW Bossed Pipe - 4 Boss Ring Seal & SW Socket	110
	3075396 3075397	Push-fit Boss Adaptors – 90°	32 40
	3075394 3075395	Push-fit Boss Adaptors – Straight	32 40

	SAP Code	Description	Nom Dia mm
	3075416	Manifold OsmaLink Soil Manifold	110
	3035106	OsmaLink manifold adaptor to 40mm waste	40
	3020504	OsmaLink manifold adaptor 90° Bend to 40mm	40
	3020505	OsmaLink manifold adaptor 90° Bend to 50mm	50
	3075407	Strap Boss	110
	3036034	Access Fittings & Plugs P/E Access Plug	110
	3036030	SW/S Access Plug	110
	3035884	P/E Socket Plug with one boss socket	110
	3035535	Ancillaries Balloon Grating	110
	3035788	Weathering Collar	110
	3031913	SW/S Vent Cowl	110
	4039507	Silicone Lubricant Spray 400ml	-
	4037675	Wavin lubricant 500g Tub	-

Wavin AS+ Low Noise Soil System

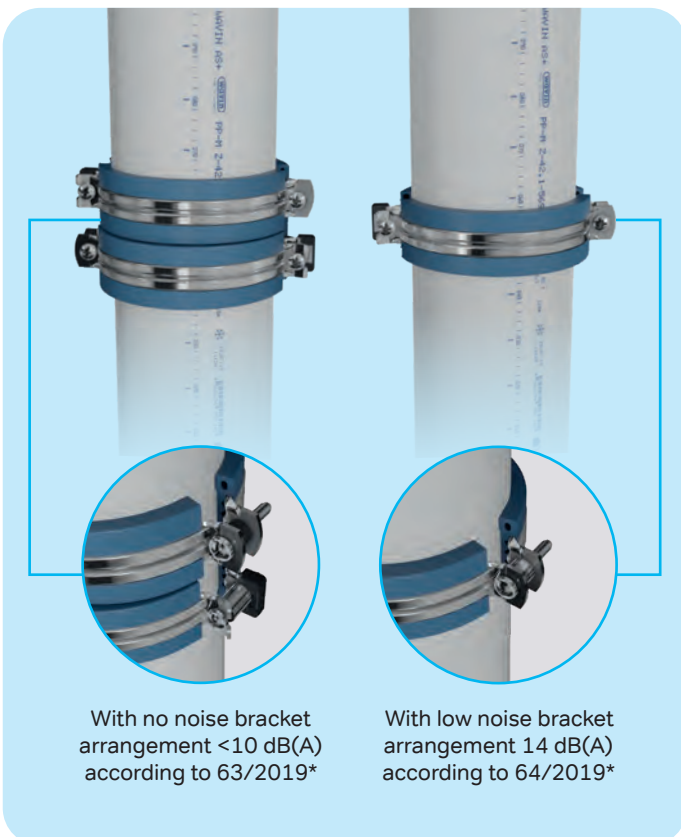
Wavin AS+ is the successor to Wavin AS – providing 'best in class' sound insulation and new product features to make installation even easier and future proof.

Wherever low noise in discharge pipework (soil and rainwater applications) is a design requirement, the Wavin AS+ Push-fit Acoustic System is an efficient, practical and cost-reducing solution.



Wavin AS+ provides the option of a Low Noise or No Noise System as per Fraunhofer Institute of Building Physics test report 2019. Its mineral-reinforced molecular material and unique bracketing system can absorb airborne, structural and impact sound.

Installation is fast and easy which saves time and cost, especially compared with traditional sound insulating techniques such as cast iron. Mineral wrapping may not be required unless stipulated as in Robust details - ref Part E Building Regulations 2014.



With no noise bracket arrangement 10 dB(A) according to 63/2019*

With low noise bracket arrangement 14 dB(A) according to 64/2019*

Special Advantages

- Unique bracketing system – single bracket that can be used in multiple configurations, horizontal or vertically and options for low or no noise solutions
- Unique patented lubricated blue seal providing low insertion force, great pipe deflection, very good pressure and vacuumed performance
- Sculptured spigot significantly reduces push-in force
- Lightweight compared with cast iron, yet extremely robust and resistant to corrosion
- Push-fit technology saves installation time and cost compared to cast iron
- Soundcheck tool gives you the support you need to accurately predict the noise levels of any soil and waste installation

Features and Benefits – In Service

- Resistant to hot water: operational temperature capability of up to 95°C short-term (90°C long-term)
- Extremely robust: corrosion-resistant
- Waste water drainage capability between pH2 and pH12
- Smooth inner surface: resistant to build-up of internal deposits

Applications

- Soil stacks in multiple-storey buildings requiring noise insulation such as
 - Office buildings, Residential homes, High-rise apartments
 - Hotels
 - Hospitals
 - Shopping malls
 - Schools and universities
- Suspended pipework
- Internal rainwater systems

For full details download Wavin AS+ literature from wavin.ie

* DIN4109 behind the wall with 2,0 l/s
Fraunhofer Testreport 63/2019 an 64/2019

Wavin AS+

Low Noise Soil System

Pipe

	SAP Code	Description	Nom Dia mm
	3080063	Pipe with socket L = 3.0m	50
	3080030	L = 0.15m	100
	3080034	L = 2.0m	100
	3080035	L = 2.7m	100
	3080036	L = 3.0m	100
	3080044	L = 0.15m	150
	3080050	L = 3.0m	150
	3080056	L = 3.0m	200

Fittings

	SAP Code	Description	Nom Dia mm	
	3080016	Double Socket Coupler	50	
	3080012		100	
	3080014		150	
	3080015		200	
	3080092	Repair Coupler	50	
	3080088		100	
	3080090		150	
	3080091		200	
	3080023	Long Socket	50	
	3080019		100	
	3080021		150	
	3080078	Reducer 100x50	100/50	
	3080082		150x100	150/100
	3080084		200x150	200/150
	3079965	Bend – 15°	50	
	3079950		100	
	3079959		150	
	3079966	Bend – 30°	50	
	3079951		100	
	3079960		150	
	3079967	Bend – 45°	50	
	3079952		100	
	3079961		150	
	3079963		200	

Wavin AS+

Low Noise Soil System

	SAP Code	Description	Nom Dia mm
	3079968 3079953	Bend – 67°	50 100
	3079969 3079954 3079962 3079964	Bend – 87°	50 100 150 200
	3080026	Long Bend – 45°	100
	3079996 3079981 3079994 3079995	Single Branch – 45° equal 50/50 100/100 150/150 200/200	50 100 150 200
	3079997 3079980	Single Branch – 87° equal 50/50 100/100	50 100
	3079982 3079991	Single Branch – 45° unequal 100/50 150/100	100/50 150/100
	3079983 3079992	Single Branch – 87° unequal 100/50 150/100	100/50 150/100
	3035368	Socket Adaptor from 50mm AS+ to 40mm ABS 50x40 for use with the 3079983	50/40
	3080010	Double Branch – 87° 100/100/100	100
	3080008	Corner Branch – 87° 100/100/100	100

	SAP Code	Description	Nom Dia mm
	3080095	Shower Double Branch – 87° 100/100/50	100/100/ 50
	3080096	Shower Double Branch – 87° left 100/100/50	100/100/ 50
	3080097	Shower Double Branch – 87° right 100/100/50	100/100/ 50
	3065902	S/S Soil Manifold* 110 * PVC-U	110
	3035106	All-Fit Reducer – 40:32mm 40x32 for use with 3065902	40/32
	3020504	All-Fit Reducer – 50:40mm 50x40 for use with 3065902	50/40
	3020505	All-Fit 90° Spigot Bend – 50mm 50 for use with 3065902	50
	3079917 3079913 3079915	Access Piece	50 100 150
	3080106 3080103 3080105	End Cap	50 100 150

Wavin AS+

Low Noise Soil System

Accessories

	SAP Code	Description	Nom Dia mm
	4066449 4066452 4066454 4066455	Wavin AS+ Low Noise Bracket	50 100 150 200
	4038141	M10 x 80mm Bolt – Solid Wall Fixing	80
	4065138 4065141 4065143	Wavin LKS-clamp	50 100 150
	4065145 4065188 4065190	EDPM Gasket	50 100 150
	4065192 4025566 4025568	NBR Gasket	50 100 150
	4026102 4026106 4026109 4026111	Firecollar BM-R90	50 100 150 200
	3036036	Access Fittings & Plugs – PVCu Plain Ended Socket Plug with Screwed Access	110
	3035887	Plain Ended Socket Plug with 1 x Boss Socket	110

Wavin HDPE Soil, waste and vent system

Wavin HDPE is a universal system approved for pipe installation in buildings to DIN 19535 and DIN EN 1519. The product range includes pipes and fittings with dimensions between 40mm and 315mm. Wavin HDPE is a complete soil, waste and vent system of pipes and fittings, manufactured from high-density polyethylene (PE HD). This tough and durable HDPE system offers an extraordinary chemical resistance in combination with a high flexibility level and great impact resistance.



Wavin HDPE pipes and fittings are jointed by welding, making the joints resistant to tension. There are two methods of welding: butt welding and electro-fusion welding. Most Wavin HDPE products can also be used as part of negative pressure installations like the siphonic roof drainage system Wavin QuickStream.



The seals are produced from an elastomer which guarantees sealing and durability even in extreme conditions.

Feature and Benefits

• High-temperature resistance

Wavin HDPE is resistant to temperatures of up to 90°C continuous temperature and 100°C short term

• Flexibility

Wavin HDPE is well suited to assemblies subjected to vibration. It is therefore ideal for use in seismic zones and across expansion joints

• UV resistance

With the addition of a percentage of carbon black, HDPE is UV-stabilised and can therefore be installed outdoors without degradation problems

• Ease of welding

An advantage of Wavin HDPE is that it can be welded (both by butt welding and with electrofusion joints), thereby providing a perfectly sealed system

• Low weight

Wavin HDPE's lightness makes transportation and handling easy

• Use of adhesives

Because of its high resistance to chemical agents, Wavin HDPE cannot be jointed with adhesives

• Low-temperature resistance

The elasticity of Wavin HDPE allows pipes to withstand freezing of internal water

• Impact resistance

Wavin HDPE's elasticity gives pipes a high impact strength at temperatures as low as -40°C. This ruggedness makes handling of pipes easy during installation

• Smooth Bore

The smooth surface of Wavin HDPE allows for both an optimum flow of any type of waste material and self-cleaning of pipes









• Fire Hazards

Wavin HDPE does not issue any toxic gases during combustion



• Wavin HDPE connection seals


Quick-fit coupling and expansion joint seals remain resistant to waste water from household appliances, laboratories and hospitals

Wavin HDPE – Soil, Waste and Vent

Description	Nom Dia mm	SAP Code	Description	Nom Dia mm	SAP Code	
 Pipe – HDPE PE Pipe - 3m length PE Pipe - 5m length	110	3075609	Eccentric Reducer – Short (continued)	110/75	3003833	
	40	3003465		110/90	3003834	
	50	3003466		125/75	3003836 [▲]	
	63	3003467		125/90	3003837	
	75	3003468		125/110	3003838	
	56	3003477		160/110	3003839	
	90	3003458		160/125	3003840	
	110	3003459		 Eccentric Reducer – Long	200/110	3018811
	125	3003460			200/125	3018812
	160	3003461	200/160		3018813	
	200	3003462	250/200		3070632*	
	250	3003463	315/200		3014918*	
	315	3003464	315/250		3003856*	
	 Reducers Concentric Reducer	50/40	3084576	 Elbow 15°	110	3017993
		56/50	3003820		160	3043453 [▲]
63/40		3003796 [▲]	200		3043454 [▲]	
63/50		3003797 [▲]	250		3043455 [▲]	
63/56		3003798	315		3043457 [▲]	
75/50		3003800 [▲]	 Elbow 30°	110	3003576	
75/63		3003801 [▲]		160	3003584	
90/50		3003803 [▲]		 Elbow 45°	40	3084563
90/63		3003804 [▲]			56	3003597
90/75		3003805 [▲]			63	3003569
110/50		3003807 [▲]			75	3003572
110/56		3003858	90		3003574	
110/63		3003808	110		3003577	
110/75		3003809	125		3003582	
110/90		3003810	160	3003585		
125/63		3003812 [▲]	200	3018820		
125/110		3003815	250	3018821*		
160/110		3003816	315	3018822* [▲]		
160/125		3003817 [▲]	 Elbow 45° Long Tail	110	3075824 [▲]	
200/160		3018808*		 Elbow 88.5°	40	3084564†
250/200		3018809*			50	3084566†
315/250		3018810*			56	3003598
50/40		3003821			63	3003570†
56/50		3003841			75	3003573†
63/40		3003822 [▲]		90	3003575	
63/50		3003823		110	3003579†	
63/56		3003842		125	3003583†	
75/40		3003824		160	3003587†	
75/50		3003825				
75/56		3003843				
75/63		3003826				
90/50		3003827 [▲]				
90/63		3003828				
90/75	3003829					
110/40	3003830					
110/50	3003831					
110/56	3003835					
110/63	3003832					




Note: * = Segment Welded. [▲] = Made to order. † = Swept type.

Description	Nom Dia mm	SAP Code		
	160	3003943*		
	200	3018818*		
	250	3017978*		
	315	3018819*▲		
	40	3084577		
	50	3084567		
	56	3003944		
	63	3003601▲		
	75	3003622		
	90	3003602		
	110	3003603		
	125	3003605▲		
	110	3003791▲		
	160	4042219▲		
Branches 	Swept Branch 88.5°	110	3003792	
		Double Branch 45°	90/50	3018005▲
			110/50	3003730▲
			110/110	3003728
		Branch 45°	40/40	3084570
			50/40	3084574
			50/50	3084572
			56/50	3003725
			56/56	3003724
			63/40	3003635▲
			63/50	3003637
			63/56	3003639
			63/63	3003633
		75/40	3003643	
		75/50	3003645	
		75/56	3003649	
		75/63	3003647	
		75/75	3003641	
		90/40	3003654	
		90/50	3003656	
		90/63	3003658▲	
	90/75	3003660▲		
	90/90	3003651▲		
	110/40	3003664▲		
	110/50	3003666		
	110/56	3003674		
	110/63	3003668		
	110/75	3003670		







Description	Nom Dia mm	SAP Code	
	110/90	3003672▲	
	110/110	3003662	
	125/50	3003678	
	125/63	3003679▲	
	125/110	3003685	
	125/125	3003676▲	
	160/110	3003688	
	160/125	3003690▲	
	160/160	4009725	
	200/110	3070633*	
	200/160	3070634*	
	200/200	3070630*	
	250/110	3003705*	
	250/125	3003707▲	
	250/160	3003709*	
	250/200	3003710*	
	250/250	3018826*	
	315/110	3003723*	
	315/125	3018827▲	
	315/160	3018828*	
	315/200	3003718*	
	315/250	3003719*	
	315/315	3018829*	
	Branch 88.5°	40/40	3084571
		50/40	3084575
		50/50	3084573
		56/50	3003726
		56/56	3003727
	63/50	3003638	
	63/63	3003634▲	
	75/50	3003646▲	
	75/56	3003650	
	75/63	3003648▲	
	75/75	3003642	
	90/40	3003655	
	90/50	3003657	
	90/63	3003659▲	
	90/75	3003661▲	
	90/90	3003652	
	110/40	3003665	
	110/50	3003667	
	110/56	3003675	
	110/63	3003669▲	
	110/75	3003671	
	110/90	3003673▲	
	110/110	3003663	
	125/63	3003680▲	
	125/110	3003686▲	
	125/125	3003677	
	160/110	3003689	
	160/125	3003691▲	
	160/160	3003687	
	200/110	3003698*	
	200/125	3018832▲	

Note: * = Segment Welded. ▲ = Made to order. † = Swept type.

Wavin HDPE – Soil, Waste and Vent

Description	Nom Dia mm	SAP Code	Description	Nom Dia mm	SAP Code
	200/160	3003702*		125	4012341▲
	200/200	3018831*		160	4012343
	250/110	3018002*		200	4012345
	250/125	3018832▲		250	4023375
	250/160	3018003*		315	4023376
	250/200	3018833*			
	250/250	3003704*			
	315/110	3018834*▲	 Galvanised HDPE Bracket	50 x 1/2"	4012118
	315/125	3003716▲		56 x 1/2"	4063094▲
	315/160	3018835*▲		63 x 1/2"	4012122
	315/200	3018836*▲		75 x 1/2"	4012126
	315/250	3018837*▲		90 x 1/2"	4012132
	315/315	3003713*▲		110 x 1/2"	4012138
				125 x 1/2"	4012142
				160 x 1/2"	4012147
				200 x 1"	4012151
				250 x 1"	4012155
			315 x 1"	4012159	
 Boss Pipe Boss Pipe – Four Way Extended Spigot	110/56	3075823	 Mounting Plate	M10 G 1/2"	4063092▲ 4012326
 Universal Connector 40mm 50mm	40 50	5W102G 5W102G	 Fire Collar Fire Collar EFM	40 50 63 75/78 90 110 125 160 200 250	4063766 4063767 4063768 4063769 4063770▲ 4026438 4026439▲ 4063772 4026441▲ 4026442▲
 Expansion Socket – with Solvent Socket Tail 50mm	50	2Z124W			
 Long-Tail Bend – 87.5° 50mm	50	2Z359G			
 Rubber Boss Adaptor Boss adaptor to 32mm Boss adaptor to 40mm	56/32 56/40	4063088▲ 4063089▲	 Spherical Branches Spherical Branch, 2 Stubs Type A – 180° Type B – 90°	110/110 110/110	3003755 3003756
 Brackets Galvanised HDPE Bracket M10 Connection	40 50 56 63 75 90 110 125 160	4012113 4012117 4063090▲ 4012121▲ 4012125 4012131 4012137 4012141 4012146	 Spherical Branch, 3 Stubs Type E – 90°	110/110	3003776
 Bracket Insert	40 50 56 63 75 90 110	4012329 4012331 4063093▲ 4012333▲ 4012335 4012337 4012339	 Spherical Branch, 4 Stubs Type F – 90°	110/110	3003777

Note: * = Segment Welded. ▲ = Made to order. † = Swept type.

Description	Nom Dia mm	SAP Code	
 <p>Access Tees Access Tee 45°</p>	110/110	3003739	
	125	3003741 [▲]	
 <p>Access Tee 88.5°</p>	160/110	3003743	
	50	3003732 [▲]	
	63	3003734 [▲]	
	75/75	3003736	
	90	3003738 [▲]	
	110/110	3003740	
	125	3018815 [▲]	
	160/110	3070631 [*]	
	200/110	3017974 [*]	
	250/110	3017975 [*]	
315/110	3017976 [*]		
 <p>Toilet Connectors Wall Mounted Toilet Connector</p>	90/90	3003550 [▲]	
	110/110	3003554 [▲]	
	 <p>Wall Mounted Toilet Connector Elbow 90° for hanging toilets</p>	90/90	3003619 [▲]
		110/90	3018007 [▲]
		110/110	3003620 [▲]
 <p>Wall Mounted Double Toilet Connector Elbow 90°</p>	110/110	3003621 [▲]	
 <p>Electro-fusion Coupler – Universal Type (WAVIDUO)</p>	40	3003478	
	50	3003479	
	56	3003489	
	63	3003480	
	75	3003481	
	90	3003482	
	110	3003483	
	125	3003484	
	160	3003485	
	200	4061068	
	250	4064881	
	315	4064882	

Description	Nom Dia mm	SAP Code
 <p>Sockets, Caps and Flange Adaptors Push-fit Socket with Gasket and Cap</p>	40/40	3084561
	50/50	3084562
	56/56	3003493
	63/63	3003494 [▲]
	75/75	3003495
	90/90	3003496 [▲]
	110/110	3003497
	125/125	3003498 [▲]
	160/160	3003499
	 <p>Expansion Socket with Gasket and Cap</p>	40/40
50/50		3003506
56/56		3018008
63/63		3003507
75/75		3003508
90/90		3003509
110/110		3003510
125/125		3003511 [▲]
160/160		3003512
200/200		3003513 [*]
250/250		3070629
315/315	3003515	
 <p>Complete Screw Connection</p>	40	3003905 [▲]
	50	3003935 [▲]
	63	3003936 [▲]
	75	3003937 [▲]
	110	3003938 [▲]
 <p>Complete Closing Cap</p>	40	3003869
	50	3003870
	63	3003871 [▲]
	75	3082542
	90	3003872 [▲]
	110	3003873
 <p>Weld Cap</p>	40	3003860
	50	3003861
	63	3003862 [▲]
	75	3003863
	90	3003865 [▲]
	110	3003866
	125	3003867 [▲]
160	3003868	
 <p>Protection Cap for pipes and fitting</p>	40	3018704 [▲]
	50	3018705 [▲]
	63	3018706 [▲]
	75	3018707 [▲]
	90	3018708
	110	3018709
	125	3018710 [▲]
	160	3018711 [▲]

Note: * = Segment Welded. ▲ = Made to order. † = Swept type.

Wavin HDPE – Soil, Waste and Vent

Description	Nom Dia mm	SAP Code	Description	Nom Dia mm	SAP Code
 Flange Adaptor	110 160 200 250 315	3072765 3043503 3043504 3043505 3043506	 Heat Reflector Butt-Welding Tool VR 160, 40-160mm	40-160	4011398
 Galvanised Steel Flange 1"	1"	4009793	 Heat Reflector Butt-Welding Tool Media 250, 75-250mm	75-250	4011401 [▲]
 Brass Nut Connection	40 x 3/4" 40 x 1" 40 x 1 1/4" 40 x 1 1/2" 50 x 3/4" 50 x 1 1/4" 50 x 1 1/2" 50 x 2" 63 x 2"	3003908 [▲] 3003910 [▲] 3003912 [▲] 3003913 [▲] 3003917 [▲] 3003921 [▲] 3003924 [▲] 3003927 [▲] 4009761 [▲]	 Welding Mirror Complete with metal case Class X1, TP200	160	4011403
 Internal Thread Joint	50	3003925 [▲]	 Heat Reflector Butt-Welding Tool Maxi 315, 90-315mm	90-315	4011402 [▲]
 Shrink-on Socket with Seal	50 63 75 90 110 125 160 200	3003516 [▲] 3018026 [▲] 3018027 [▲] 3018028 [▲] 3003528 [▲] 3018029 [▲] 3018030 [▲] 3018025 [▲]	 PE Pipe Cutter	40-63 50-125 110-160 200-315	4026014 [▲] 4011390 4011393 4011396
 HDPE Rotary Peelers for pipe 50mm for pipe 63mm for pipe 75mm for pipe 90mm for pipe 110mm for pipe 125mm for pipe 160mm Replacement blade					4042914 4024493 4024569 4024432 4024189 4024393 4024190 4066330
Accessories			Other Processing Aids		
 Electrofusion Welding Tool DUO 315 230v	–	4036330	 PE marker pen China Marker	–	4011453
 Electrofusion Welding Tool 110v	–	4064999	 PE pipe scraper	–	4020757
 Electrofusion Welding Tool Cable 40-160 Spare, for use with 4064999	–	4065001	 PE cleaner 0.7 litre bottle	–	4025509
 Electrofusion Welding Tool Cable 200-315 Spare, for use with 4064999	–	4065000			

Wavin's BIM Revit Content Packages

The first BIM packages available for plastic piping systems in Ireland

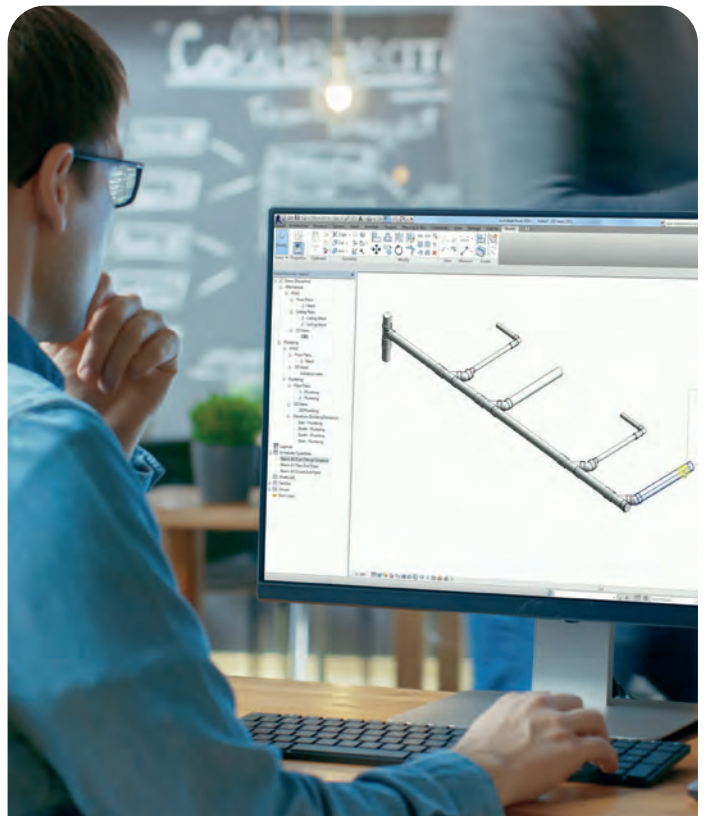
- Automatic routing preferences
- Fully integrated Bill of Materials
- 100% accurate representations
- Precise design
- Elimination of waste

Wavin Revit packages will allow users to reach a 100% accurate representation of the way piping systems will actually be installed; easily and without the use of product catalogues. The package also features a fully integrated Bill of Materials.

We have created Revit content packages with integrated assistance ensuring precise design, speed and elimination of waste.

- Wavin Soil Systems (including AS+ Low Noise Soil, HDPE, Compact Soil, PVC-U Soil)
- Tigris Press-fit Plumbing & Heating System
- Hep₂O Push-fit Plumbing & Heating System

**BIM made easier,
faster and smarter**



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CONTENT PACKAGE**

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Wavin Rainwater Gutter Profiles PVC-U

Comprehensive Choice

Domestic



RoundLine
112mm (4½")
Half-round gutter



SquareLine
100mm (4")
Square section gutter



StormLine
111x76x97mm
(4¼x3¾")
Ogee profile gutter



DeepLine
113mm (4½")
Semi-elliptical gutter

Industrial & Commercial



SuperLine
125mm (5")
Half-round gutter



RoofLine
150mm (6")
Half-round gutter

	Domestic		Domestic High Capacity		Industrial & Commercial	
Gutters	RoundLine	SquareLine	StormLine	DeepLine	SuperLine	RoofLine
Max Roof Area*	163m ²	178m ²	254m ²	299m ²	250m ²	317m ²
Downpipe Systems	68mm ●	61mm ■ 68mm ●†	61mm ■ 68mm ●	68mm ●	68mm ●	110mm ●
Width	114mm	103mm	111mm	113mm	125mm	150mm
Depth	50mm	51mm	76mm	76mm	64mm	74mm
Depth (back)			97mm			
Colour Choice	● ○ ●^	● ○	● ○	● ●	●	●

NOTE: RoundLine Anthracite Grey^ is only available in the downpipe (to be used with DeepLine Anthracite Grey guttering system).

Maximum Effective Roof Area (m²) gutter laid to 1:600 fall

System	Running outlet position		Flow capacity litres/sec
	At END of gutter	At CENTRE of gutter	
RoundLine	79	163	1.25-3.43
SquareLine	96	178	1.30-3.71
StormLine ■	130	254	1.32-5.28
StormLine ●	125	239	1.26-4.98
DeepLine	145	299	2.28-6.21
SuperLine	121	250	2.10-5.19
RoofLine	164	317	2.48-6.59

NOTE: System capacity/performance capability is reduced if the roof includes valleys, dorma windows, steep pitch, or Guttering is laid level (reduction approx. 20-30%), or Gutter includes an angle (reduction approx. 15%). ■ With SquareLine downpipe ● With RoundLine downpipe

Domed Roof Outlets

82mm and 110mm
Domed Roof Outlets

- For flat roofs
- May be installed in mastic asphalt or built-up roofing
- For roof areas up to a maximum of
 - 143m² for 82mm outlet
 - 209m² for 110mm outlet with one downpipe
- Connects to 82mm and 110mm circular downpipe



Approvals



EN 607: 2004

Eaves, gutters & fittings – PVC-U. Definitions, requirements and testing.

Approved Systems: RoundLine, DeepLine, SuperLine, RoofLine, SquareLine and StormLine.

EN 1462: 2004

Gutter brackets. Classification, requirements & testing.

Approved Systems: RoundLine, DeepLine, SuperLine, RoofLine, SquareLine and StormLine.

EN 12200-1: 2000

Plastics rainwater piping systems for above ground external use – PVC-U.

Approved Systems: Round pipes 68, 82 and 110mm. Square pipe 61mm.

Note: see product details section for individual part number approval information.

New Anthracite colour



DeepLine Semi-elliptical gutter range

Wavin Rainwater – RoundLine



Domestic 112mm (4½") Half-round gutter

Manufactured to comply with EN 607/1462

	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	T0072BK	3036189	Gutter 2.0m	112	5
	T0074BK	3036476	4.0m	112	5
	T0074W	3036477	4.0m	112	5
  	T0009BK	3035863	Union, Brackets and Spacer Gutter Union	112	10
	T0019BK	3035138	Gutter Support Bracket	112	40
	T0019W	3035140	Gutter Support Bracket	112	20
	T0005BK	3035773	Gutter Joint Bracket	112	10
	T0005W	3035684	Gutter Joint Bracket	112	5
	    	T0011BK	3035455	Outlets and Stopends Stopend – External	112
T0011W		3035454	Stopend – External	112	5
T0010BK		3035132	Stopend – Internal	112	5
T0010W		3035134	Stopend – Internal	112	5
T0624BK		3036246	Running Outlet – Straight	112	5
T0624W		3036245	Running Outlet – Straight	112	5
T0625BK		3036384	Swivelock Running Outlet – Bent	112	2
T0007BK		3036129	Stopend Outlet	112	5
		T0003BK	3036023	Gutter Angles 90°	112
	T0003W	3036022	90°	112	5
	T0016BK	3035867	60°	112	5
	T0004BK	3035838	45°	112	5
	T0004W	3035841	45°	112	5
 	T0064G	4039143	Spares Gutter Seal	–	5
	T0116BK	3035044	Flexiclip	–	1

Note: Anthracite Grey fittings are for use with the Anthracite Grey DeepLine system on page 81.

Wavin Rainwater – RoundLine

Round Down Pipe Systems

Manufactured to comply with BS 4576

(To suit StormLine, RoundLine, DeepLine and SuperLine)

	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	T0082BK	3036604	Pipe – Plain Ended 2.0m	68	5
	T0086AG	3082223	2.75m	68	5
	T0084BK	3037038	4.0m	68	5
	T0084W	3037035	4.0m	68	5
	T0084AG	3082224	4.0m	68	5
	T0088BK	3037253	5.5m	68	5
	T0088AG	3082211	5.5m	68	5
	T0092BK	3035836	Connectors Connector to 2 1/2" Cast Iron RW Pipe Spigot	–	5
	T0149BK	3035944	Connector to 110mm PVC Drain Socket/Spigot	–	5
	T0024BK	3035553	Pipe Connector	–	5
	T0024W	3035556	Pipe Connector	–	5
	T0024AG	3082215	Pipe Connector	–	5
		T0025BK	3035734	Bends Offset Bend – 67.5° Socket	68
T0025W		3035733	Offset Bend – 67.5° Socket	68	5
T0025AG		3082218	Offset Bend – 67.5° Socket	68	5
T0026BK		3035729	Offset Bend – 67.5° Spigot	68	10
T0026W		3035727	Offset Bend – 67.5° Spigot	68	5
T0026AG		3082217	Offset Bend – 67.5° Spigot	68	5
T0161BK		3035783	Bend – 92.5°	68	5
T0161AG		3082219	Bend – 92.5°	68	5
T0035BK		3036014	Single Branch – 67.5°	68	5
T0035W		3036015	Single Branch – 67.5°	68	5
T0035AG		3082221	Single Branch – 67.5°	68	5
T0037BK		3035670	Shoe	68	5
T0037W		3035665	Shoe	68	5
T0037AG	3082216	Shoe	68	5	
	T0033BK	3035184	Brackets and Spacers Pipe/Socket Bracket	68	10
	T0033AG	3082212	Pipe/Socket Bracket	68	5
	T0034BK	3035228	Pipe Bracket	68	20
	T0034W	3035227	Pipe Bracket	68	5
	T0034AG	3082213	Pipe Bracket	68	5
	T0038BK	3035265	Socket Bracket	68	10
T0038AG	3082214	Socket Bracket	68	10	
	T0201W	3036392	Rainwater Diverter Rainwater Diverter Kit	68	1
	T0201BK	3036393	Rainwater Diverter Kit	68	1

Wavin Rainwater – SquareLine



Domestic 100mm (4") Square section gutter

Manufactured to comply with EN 607/1462

	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	T8874BK T8874W	3036506 3032553	Gutter 4.0m 4.0m	100 100	5 5
  	T8805BK T8805W T8809BK T8809W T8819BK T8819W	3035877 3032536 3035876 3035880 3035141 3032545	Gutter Union and Brackets Gutter Joint Bracket Gutter Joint Bracket Gutter Union Gutter Union Gutter Support Bracket Gutter Support Bracket	100 100 100 100 100 100	20 20 10 5 20 20
   	T8806BK T8806W T8811BK T8811W T8810BK T8810W T8807BK T8807W	3036259 3032538 3035251 3032544 3035273 3032542 3036131 3032540	Outlets and Stopends Running Outlet Running Outlet Stopend – External Stopend – External Stopend – Internal Stopend – Internal Stopend Outlet Stopend Outlet	100 100 100 100 100 100 100 100	10 10 10 10 5 5 10 10
 	T8803BK T8803W T8804BK T8804W	3036132 3032533 3036076 3032534	Gutter Angles 90° 90° 45° 45°	100 100 100 100	10 10 5 5
	T8816BK T8816W	3035110 3035112	Spares Flexiclip Flexiclip	- -	1 1

Wavin Rainwater – SquareLine

Square Down Pipe Systems

Manufactured to comply with EN 607/1462

(To suit SquareLine and StormLine)

	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	T8884BK	3037149	Down Pipes 4.0m Pipe – Plain Ended	61	5
	T8884W	3024850	4.0m Pipe – Plain Ended	61	5
	T8888BK	3037348	5.5m Pipe – Plain Ended	61	5
	T8888W	3037349	5.5m Pipe – Plain Ended	61	5
	T8823BK	3035686	Pipe Brackets and Connectors Pipe Connector	61	5
	T8823W	3024856	Pipe Connector	61	5
	T8834BK	3035463	Pipe Bracket	61	5
	T8834W	3024853	Pipe Bracket	61	5
	T8862BK	3035772	Bends, Shoe and Wall Offsets Pipe Bend – 87.5°	61	5
	T8862W	3024851	Pipe Bend – 87.5°	61	5
	T8838BK	3035940	Pipe Wall Offset	61	10
	T8838W	3024848	Pipe Wall Offset	61	10
	T8835BK	3035923	Pipe Branch – 67.5°	61	5
	T8835W	3024852	Pipe Branch – 67.5°	61	5
	T8825BK	3035736	Offset Bend – Socket	61	20
	T8825W	3024855	Offset Bend – Socket	61	20
	T8826BK	3035731	Offset Bend – Spigot	61	10
	T8826W	3024841	Offset Bend – Spigot	61	10
T8832BK	3035771	Pipe Shoe and Bracket	61	5	
T8832W	3024854	Pipe Shoe and Bracket	61	5	
T8837BK	3035451	2 ¼" Outlet Adaptor – Square to Round	61	5	
T8837W	3032550	2 ¼" Outlet Adaptor – Square to Round	61	5	
	T0201W	3036392	Rainwater Diverter Rainwater Diverter Kit	61	1
	T0201BK	3036393	Rainwater Diverter Kit	61	1

Wavin Rainwater – StormLine

High capacity domestic 111x76x97mm (4¹/₄x3³/₄"")
Ogee profile gutter

Manufactured to comply with EN 607/1462



	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	T9874BK	3036919	Gutter 4.0m	111	4
	T9874W	3024809	4.0m	111	4
	T9809BK	3036061	Gutter Union, Brackets and Spacer Gutter Union	111	10
	T9809W	3024831	Gutter Union	111	10
	T9819BK	3035371	Gutter Support Bracket	111	10
	T9819W	3024829	Gutter Support Bracket	111	10
	T9849BK	3035223	Gutter Hanging Bracket	111	20
T9849W	3024819	Gutter Hanging Bracket	111	20	
T0044BK	3035464	Gutter Spacer Bracket	111	20	
	T9841BK	3035675	Outlets and Stopends Stopend – External LH	111	10
	T9841W	3024825	Stopend – External LH	111	10
	T9851BK	3035676	Stopend – External RH	111	10
	T9851W	3024815	Stopend – External RH	111	10
	T9840BK	3035669	Stopend – Internal LH	111	5
	T9840W	3024827	Stopend – Internal LH	111	5
	T9850BK	3035666	Stopend – Internal RH	111	5
	T9850W	3024817	Stopend – Internal RH	111	5
	T9807BK	3036137	Stopend Outlet LH	111	5
	T9807W	3024835	Stopend Outlet LH	111	5
T9808BK	3036138	Stopend Outlet RH	111	5	
T9808W	3024833	Stopend Outlet RH	111	5	
T9806BK	3036401	Running Outlet	111	5	
T9806W	3024837	Running Outlet	111	5	
	T9843BK	3036399	Gutter Angles 90° Internal Seals	111	5
	T9843W	3024823	90° Internal Seals	111	5
	T9853BK	3036404	90° External Seals	111	5
	T9853W	3024814	90° External Seals	111	5
	T9844BK	3036260	45° Internal Seals	111	5
	T9844W	3024821	45° Internal Seals	111	5
	T9854BK	3036269	45° External Seals	111	5
	T9854W	3024812	45° External Seals	111	5

Wavin Rainwater – StormLine

	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	T9864		Spares Gutter Seal	-	1
	T9816BK	3035172	Flexiclip	-	1
	T9816W	3035173	Flexiclip	-	1

Note: For details of RoundLine 68mm (2½") and SquareLine 61mm (2¼") pipe and fittings to use with the StormLine Rainwater System – See pages 76 and 78.

Wavin StormLine design features



High front edge



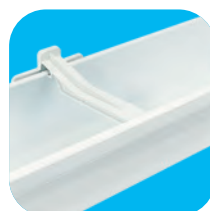
Hydrodynamic outlet



Concealed sockets



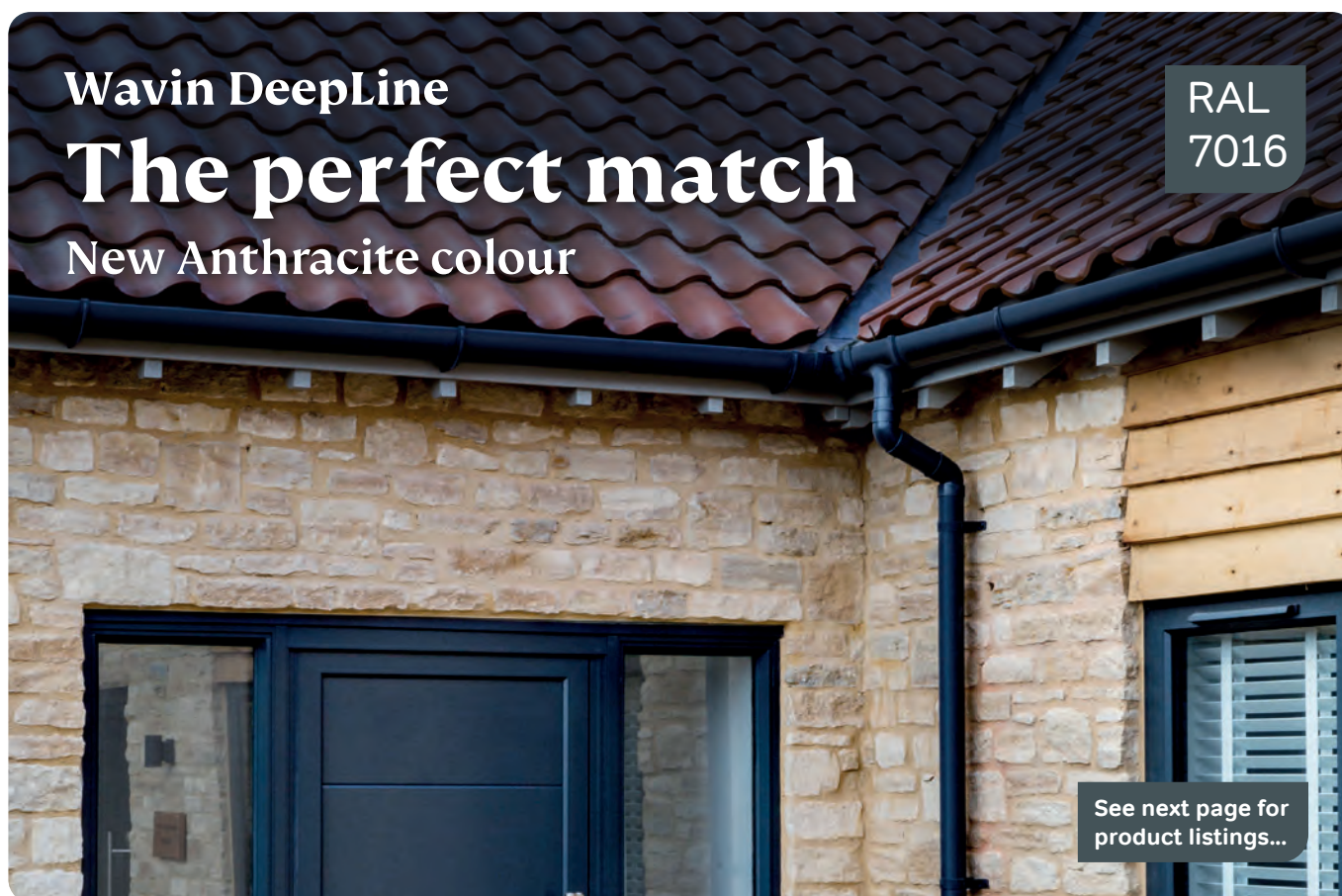
Side fixing wings



Hidden hanging brackets



Wide, retained seals



Wavin Rainwater – DeepLine



High capacity domestic 113mm (4½") Semi-elliptical gutter

Manufactured to comply with BS 4576

	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	T9974BK	3036916	Gutter 4.0m	113	5
	T9974AG	3082199	4.0m	113	5
	T9909BK	3035824	Union and Bracket Gutter Union	113	5
	T9909AG	3082205	Gutter Union	113	5
	T9919BK	3035261	Support Bracket	113	40
	T9919AG	3082202	Support Bracket	113	20
	T9906BK	3036270	Outlet and Stopends Running Outlet	113	5
	T9906AG	3082210	Running Outlet	113	5
	T9910BK	3035396	Internal Stopend	113	5
	T9910AG	3082203	Internal Stopend	113	5
	T9911BK	3035501	External Stopend	113	5
	T9911AG	3082204	External Stopend	113	5
	T9903BK	3036257	Gutter Angles 90° Gutter Angle	113	5
	T9903AG	3082209	90° Gutter Angle	113	5
	T9904BK	3036251	45° Gutter Angle	113	5
	T9904AG	3082207	45° Gutter Angle	113	5
	T9964BK	4039141	Spares Gutter Seal	–	10
	T9916BK	3035039	Flexiclip	–	5
	T9916AG	3082201	Flexiclip	–	1
	T9994AG		Bow & Pin Bracket	–	1

New Anthracite colour
DeepLine Semi-elliptical gutter range



The DeepLine Anthracite Grey (RAL 7016) colour option is a non stocked range but available to order on a project basis.

Note: For details of 68mm (2½") pipe and fittings to use with the DeepLine Rainwater System – See page 76.

Wavin Rainwater – SuperLine



Industrial & Commercial 125mm (5") Half-round gutter

Manufactured to comply with BS 4576

	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	T0574BK	3036566	Gutter 4.0m	125	5
	T0509BK	3035926	Union and Bracket Gutter Union	125	5
	T0519BK	3035181	Gutter Support Bracket	125	5
	T0511BK	3035482	Outlet and Stopends Stopend – External	125	5
	T0510BK	3035362	Stopend – Internal	125	5
	T0508BK	3036229	Running Outlet	125	5
	T0503BK	3036079	Gutter Angles 90°	125	5
	T0564BK	4039131	Spares Gutter Seal	–	10
	T0516BK	3035115	Flexiclip	–	1

Note: For details of 68mm (2½") pipe and fittings to use with the SuperLine Rainwater System – See page 76.

Wavin Rainwater – RoofLine




Industrial & Commercial 150mm (6") Half-round gutter

Manufactured to comply with BS 4576


	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	T5674BK	3036826	Gutter 4.0m	150	5
	T5609BK	3036029	Union and Brackets Gutter Union	150	5
	T5619BK	3035361	Gutter Support Bracket	150	10
	T5611BK	3035511	Outlet and Stopends Stopend – External	150	5
	T5610BK	3035518	Stopend – Internal	150	5
	T5606BK	3036428	Running Outlet	150	5
	T5603BK	3036299	Gutter Angles 90°	150	5
	T5616BK	3035117	Spares Flexiclip	150	1
	C3766BK C3765BK	3080894 3080893	PVC-U Soil Pipe Socketed to EN1453-1 L = 3m L = 4m	110 110	2 2
	C8031BK	3075291	Short Radius Bends S/S Bend 45°	110	5
	C8034BK	3066559	D/S Bend 45°	110	9
	C8042BK	3035671	PVC-U Brackets PVC-U Pipe Bracket	110	10

Wavin Rainwater – Ancillaries

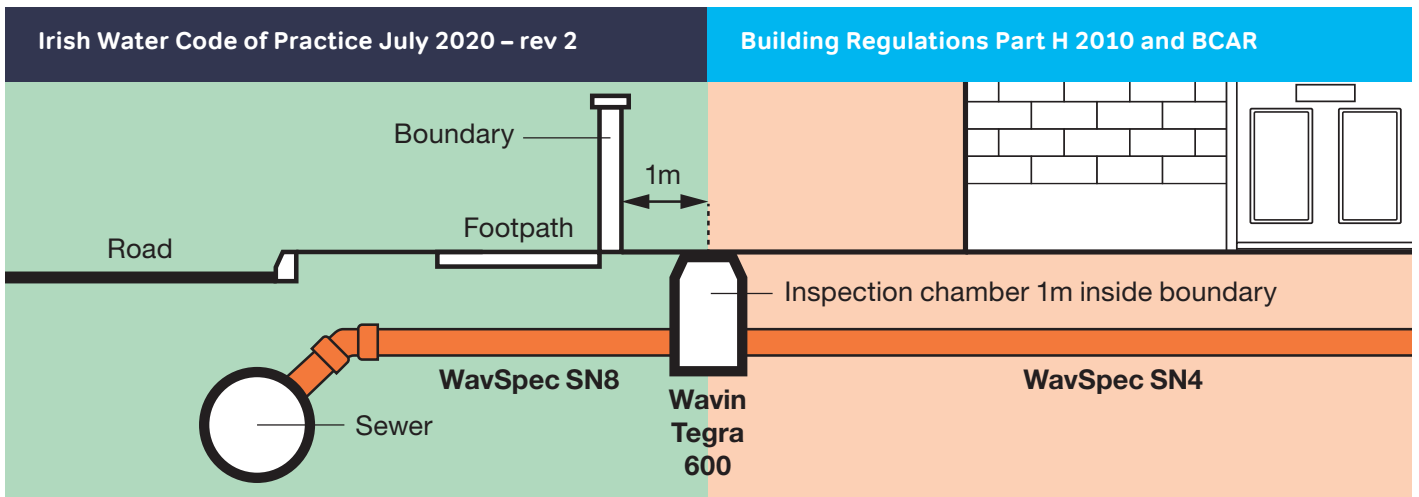
Wavin Outlet Hoppers

	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	T0332BK	3036407	Rainwater Hoppers RoundLine Hopper Head	68	5
	T0332AG	3082222	Flow capacity 2.40 l/s	68	5
	T8830BK	3036386	SquareLine Hopper Head	61	5
	T8830W	3032106	Flow capacity 2.40 l/s	61	5
	T5326BK	3036412	Roofline Hopper Head	110	5
	T5326G	3036413	Flow capacity 6.47 l/s	110	5

Wavin Roof Outlets

	Product Code	SAP Code	Description	Nom Dia mm	Pack Qty
	C1414G	3032464	Roof Outlets SW/S Domed Roof Outlet – flow capacity 2.97 l/s	82	1
	C8414G	3032480	SW/S Domed Roof Outlet – flow capacity 4.35 l/s	110	1

Drainage standards and compliance guidelines for the Republic of Ireland



To avoid any risk of contamination of pipes; Wavin recommends **WavSpec SN8** pipe for all sewer installations.

Select the pipe that meets the criteria you need

WavSpec SN8 – EN13476		
Size (mm)	Product Code	SAP Code
110 [†]	D3761	3066452
160	D3901	3075198
244	D3904	3075231
315	D3905	3075232
400 [†]	3039149	3039149
500 [†]	3040915	3040915

WavSpec SN4 – EN13476		
Size (mm)	Product Code	SAP Code
110	D3822	3071145
160	D3823	3071146
244	E4921	3066980
315	E4920	3067008

[†]Manufactured to EN1401

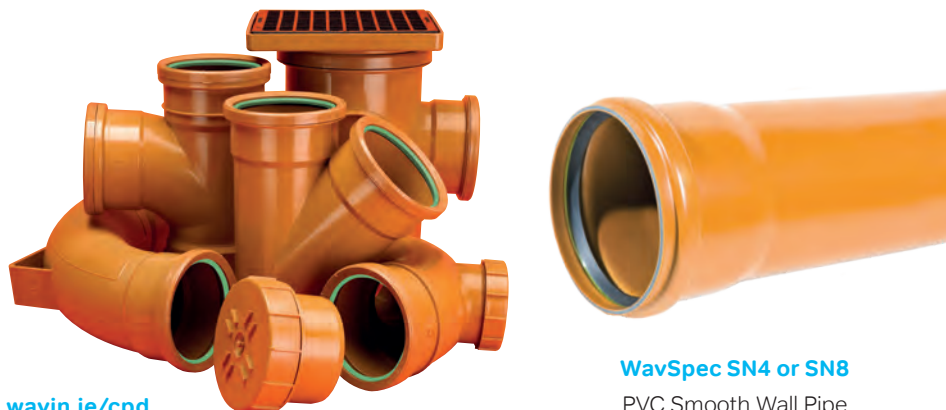
Select your foul sewer fittings

Wavin's range of fittings are certified to EN1401-1:2018 and compliant with:

- Irish Water Code of Practice
- Part H Building Regulations 2010
- NSAI Certification for BCAR requirements

For assistance with technical specifications email projects.ie@wavin.com or Tel: **01 8020200**

To book a free RIAI approved CPD presentation visit wavin.ie/cpd



WavSpec SN4 or SN8
PVC Smooth Wall Pipe

Wavin Sewer Below Ground Drainage



Wavin Sewer is available in 110mm, 160mm, 200mm, 244mm, 315mm, 400mm & 500mm. PVC-U underground gravity drains and sewer fittings are suitable for use in conjunction with WavSpec SN4 & WavSpec SN8 pipe and Wavin chambers for domestic and public sewerage and drainage.



Look for the green seal

WavSpec SN8 & SN4 Pipe

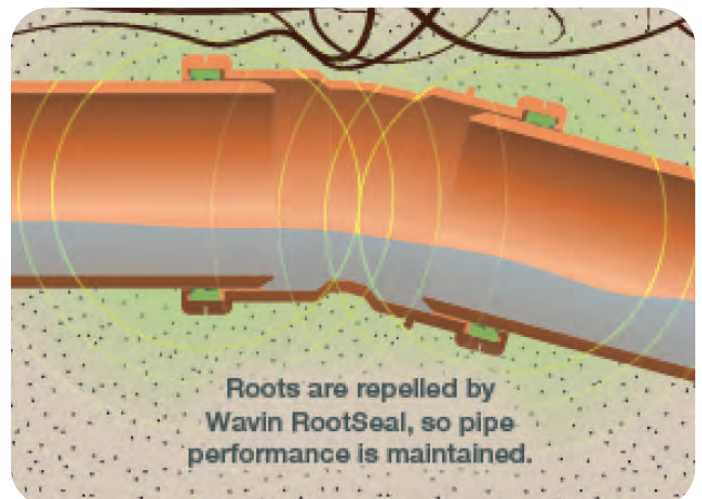
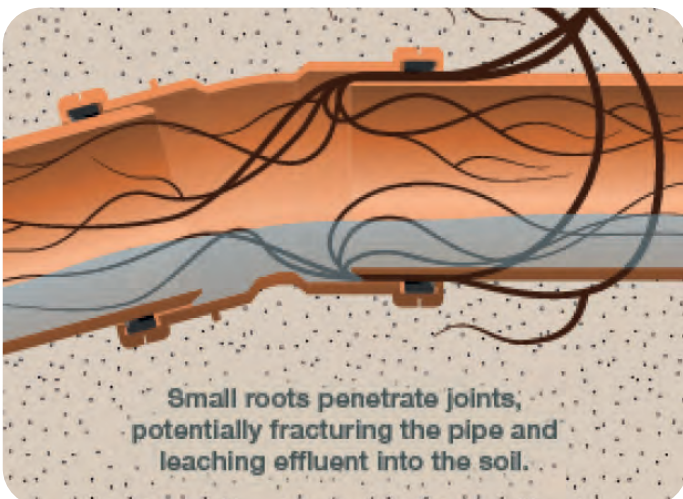
- Manufactured in conformance with EN 13476-2: 2007
- Third party approved by the British Standard Institute (BSI) Kitemark no. KM 56705
- Manufactured in conformance with EN 13476-2: 2007
- WavSpec SN8 110mm & 400mm is manufactured in conformance with EN 1401-1: 2018
- Third party approved: BSI Kitemark no. KM 56705
- Third party approved by NSAI Licence 1.53.1

Wavin Sewer Fittings

- Ring Seal Push-fit Fittings (available in 110mm – 500mm)
- Manufactured in conformance with EN 1401-1: 2018
- Wavin socket, fitted with rubber sealing manufactured in conformance with EN 681-1
- Third party approved: BSI Kitemark no. KM 07091
- Combined cap & seal fittings with RootSeal Technology

New RootSeal Technology

Now rolling out – Wavin Sewer combined cap and seal fittings incorporating RootSeal Technology. For greater peace of mind, the easily identifiable green seals use a scientifically proven inhibitor to suppress tree root growth to help prevent them damaging the pipe system. Find out more at wavin.ie/rootseal



Wavin Sewer

Key to abbreviations



Single Socket (S/S)

Pipe
Pipe will have push fit socket on one end and chamfered on the other end



Double Socket (D/S)

D/S Branches
Main line will have push fit socket on both ends. All branches will be socketed.



Single Socket (S/S)

S/S Branch
Main line will have one push fit socket and one plain end. All branches will be socketed.



Double Socket (D/S)

All other fittings
Will be push fit socket on both ends





Single Socket (S/S)

All other fittings
Will have one end push fit socket and the other plain end

Important Note: Wavin Sewer fittings must be ordered in their pack multiples as illustrated.

Pipe

	Product Code	SAP Code	Size / Description	Wall Thickness	N° Pipes per Frame
			WavSpec SN8 – Irish Water Compliant – EN13476		
	D3761*	3066452	110mm (4in)	3.2mm	114
	D3901	3075198	160mm (6in)	4.7mm	46
	D3904	3075231	244mm (9in)	7.2mm	16
	D3905	3075232	315mm	9.3mm	9
	3039149*	3039149	400mm	11.7mm	6
3040915*	3040915	500mm	14.6mm	4	
			WavSpec SN4 – Building Regulations Part H – EN13476		
	D3822	3071145	110mm (4in)	3.2mm	114
	D3823	3071146	160mm (6in)	4.0mm	46
	E4921	3066980	244mm (9in)	5.9mm	16
E4920	3067008	315mm	7.7mm	9	

NOTES:

- All pipes are 6m length with integral socket at one end and plain end chamfered.
- *Manufactured to EN1401

Fittings – Certified to EN1401 standard

	Product Code	SAP Code	Size / Description	Pack Qty	Pallet Qty
	D6001	3043968	110mm	25	–
	D6002	3001700	160mm	8	–
	E5002	3066580	244mm	1	–
	E5009	3055502	315mm	1	–
	3017561	3017561	400mm	1	–
	4001031	4001031	500mm	1	–
	D6108	3069835	110mm	25	–
	D6141	3069834	160mm	12	–
	E5216	3066585	244mm	1	–
	E5109	3055504	315mm	1	–
	4001034	4001034	400mm	1	–
	4001035	4001035	500mm	1	–
	3091501	3091501	Rocker Pipe Single Socket 244mm x 500mm length	1	–
	D4221	3032508	110mm x 110mm – Equal	4	–
	D6027	3001733	160mm x 160mm – Equal	4	–
	E5099	3066621	244mm x 244mm – Equal	1	–
	E5023	3066606	315mm x 315mm – Equal	1	–
	4001063	4001063	400mm x 400mm – Equal	1	–
	D6015	3009587	160mm x 110mm – Unequal	4	–
	E5108	3066584	244mm x 110mm – Unequal	1	–
	E5013	3066582	244mm x 160mm – Unequal	1	–
	E6021	3066629	315mm x 110mm – Unequal	1	–
	E6022	3066691	315mm x 160mm – Unequal	1	–
	E5024	3066686	315mm x 244mm – Unequal	1	–
	D4114	3032511	110mm x 110mm – Equal	3	–
	D6004	3001732	160mm x 160mm – Equal	3	–
	4001064	4001064	400mm x 400mm – Equal	1	–
	D6005	3009586	160mm x 110mm – Unequal	4	–
	E5106	3066583	244mm x 110mm – Unequal	1	–
	E5006	3066581	244mm x 160mm – Unequal	1	–
	E6023	3066630	315mm x 110mm – Unequal	1	–
	E5015	3001634	315mm x 160mm – Unequal	1	–
	D6003	3066572	110mm x 110mm – Equal	8	72
	D4008	3037398	160mm x 160mm – Equal	4	36
	D6007	3066744	160mm x 110mm – Unequal	4	36

	Product Code	SAP Code	Size / Description	Pack Qty	Pallet Qty
	D6006	3032509	Double Socket Branches – 90° 110 x 110mm – Equal	5	90
	D4011	3032526	160 x 160mm – Equal	4	–
	D4009	3037169	160 x 110mm – Unequal	5	–
	E6321	3066632	315 x 110mm – Unequal	1	–
	E6322	3066704	315 x 160mm – Unequal	1	–
	D4112	3066794	D/S Large Radius Swept Bend 110mm (Includes fixed rings both ends) To be used at the base of a 110mm stack as per Building Regulations Part H 2010 & EN12056	5	–
	D6038	3082831	Single Socket Short Radius Bends – 90° 110mm	20	–
	D6039	3001593	160mm	6	40
	E5029	3066608	244mm	1	–
	E5031	3069809	315mm	1	–
		4067646	400mm	1	–
	D6032	3066575	Single Socket Short Radius Bends – 45° 110mm	10	–
	D6033	3001717	160mm	8	72
	E5025	3066607	244mm	1	–
	E5027	3001605	315mm	1	–
		4001042	400mm	1	–
	D6030	3043934	Single Socket Short Radius Bends – 30° 110mm	25	–
	D6031	3009585	160mm	8	90
	E5125	3066626	244mm	1	–
	E5028	3001604	315mm	1	–
	D6028	3043933	Single Socket Short Radius Bends – 15° 110mm	30	–
D6029	3009584	160mm	8	–	
E5097	3066620	244mm	1	–	
E5113	3001603	315mm	1	–	
D8877	3036419	Single Socket Short Radius Bends – 11.25° 110mm	30	–	
	D8913	3036423	Double Socket Swept Bends 110mm x 11.5°	15	–
	D6026	3036420	110mm x 15°	15	–
	D6025	3036422	110mm x 30°	15	–
	D6019	3066574	110mm x 45°	20	–
	D6040	3082832	110mm x 92°	20	–
	D4014	3036665	160mm x 15°	1	–
	D4015	3036737	160mm x 30°	1	–
	D4051	3032529	160mm x 45°	9	–
	D4049	3031982	160mm x 92°	6	–

Wavin Sewer

	Product Code	SAP Code	Size / Description	Pack Qty	Pallet Qty	
	D4330	3036310	4in Single Socket 110mm 0-30° Adjustable Bend	5	-	
	D4332	3036802	4in Double Socket 110mm 0-30° Adjustable Bend	5	-	
	D4047	3066960	Long Radius Bends – 90° 110mm – S/S	1	-	
	D4048	3066959	160mm – S/S	1	-	
	E5036	3066609	244mm – S/S	1	-	
	E5044	3066613	315mm – S/S	1	-	
	D4045	3066958	Long Radius Bends – 45° 110mm – S/S	1	-	
	D4046	3066780	160mm – S/S	1	-	
	E5037	3066610	244mm – S/S	1	-	
	E5055	3066614	315mm – S/S	1	-	
	D4043	3066782	Long Radius Bends – 22½° 110mm – S/S	1	-	
	D4044	3066592	160mm – S/S	1	-	
	E5038	3066611	244mm – S/S	1	-	
	D4041	3066781	Long Radius Bends – 11¼° 110mm – S/S	1	-	
	D4042	3066591	160mm – S/S	1	-	
	E5039	3066612	244mm – S/S	1	-	
		D6138	3001581	Knuckle Bend 110mm	1	-
		E4009	3066602	Oblique Saddles – 45° 244mm x 110mm	1	-
E4010		3066603	244mm x 160mm	1	-	
E4012		3066685	315mm x 160mm	1	-	
	E4016	3066604	Square Saddles – 90° 244mm x 110mm	1	-	
	E6039	3066879	315mm x 110mm	1	-	
	D6088	3066578	Socket Plugs 110mm	120	-	
	D4089	3036381	160mm Can be used as socket plug or end cap	10	-	





	Product Code	SAP Code	Size / Description	Pack Qty	Pallet Qty
	3043077	3043077	Plain End Plug 110mm	1	-
	D6084 E5103 E5119	3001747 3066623 3066687	End Caps 110mm 244mm 315mm	130 1 1	- - -
	4037672	4037672	Temporary Site Cap 110mm	20	-
	D6113 E5139 E5100 E5117 E5105 E5126	3069832 3066689 3066622 3066625 3066624 3066688	S/S Level Invert Reducer 160mm x 110mm 244mm x 110mm 244mm x 160mm 244mm x 200mm 315mm x 244mm 315mm x 160mm	20 1 1 1 1 1	- - - - - -
	D4098 D4099	3066961 3066753	Anti-Flood Valves S/S Anti-Flood Valve – single valve 110mm S/S Anti-Flood Valve – single valve 160mm For surface and foul water applications	1 1	- -
	D4077 D4078	3032098 3036530	Cleaning Eyes 110mm 160mm	5 1	- -
	D4079 D4080 E5088	3066801 3066796 3066619	uPVC to S.G. Spigot Adaptors 110mm 160mm 244mm	25 10 3	- - -
	F2948	3066737	Lubricant Wavin lubricant 800g Tub	12	-

Wavin Sewer – Gully Traps and Accessories







Plain, Adjustable, Universal Gullies & Accessories

	Product Code	SAP Code	Size / Description	Pack Qty
	D4092	3066563	Plain Gully and Grid 110mm	6
	D4093 D3993	3066564 3066560	Adjustable Gully 110mm 110mm gully in bulk box, individually bagged	6 40
	D4090	3066562	Universal Gully 110mm	5
	D4137	3066814	S/S Universal Gully Base 110mm	1
	D4118	3066565	P/E Universal Gully Hopper 110mm – P/E plain hopper with 110mm horizontal inlet and multi-size solvent side inlets	1
	D4138	3066566	Adjustable Gully Hopper 110mm	1
	D4192	3066569	Gully Riser 160mm for use with D4118	10
	D4168	3035557	Sealed Access Plate 160mm x 160mm for Universal Plain Hoppers complete with sealing ring and screws	10
	D4149	3066567	Gully Grids 160mm x 160mm for use with D4090 & D4093	1

Gullies Hoppers & Accessories

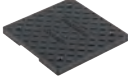

	Product Code	SAP Code	Size / Description	Pack Qty
	D8730	3032516	P/E Plain Hopper with 150mm long spigot 110mm	5
	D8726	3037232	P/E Vertical Inlet with 150mm long spigot 110mm	5
	D4225	3036618	P/E Sealed Access Hopper with 150mm long spigot 110mm	1
	D4265	3035546	Vertical Inlet Cover (spare, black)	10

Bottle Gullies & Accessories


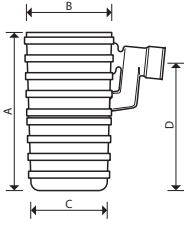
	Product Code	SAP Code	Size / Description	Pack Qty
	D4308	3037399	S/S Bottle Gully 110mm provides access to the drainage system for cleaning, supplied with all bosses closed	1
	D4309	3032099	S/S Back Inlet Bottle Gully 90° 110mm provides access to the drainage system for cleaning, supplied with side bosses closed but with 110mm back boss open	30
	D4365	3032519	Cover and Frame (spare) For use with D4308/D4309	1
	D8925	4040035	Gully Plug New Spigot for use with D4308/D4309	10
	D4310	3036249	Bottle Gully Grating (spare) 110mm for use with D4308/D4309	1
	D8906	4037565	Ductile Iron Grating (black) For use with D4308/D4309 Bottle Gully, complete with screws – suitable for installations requiring a loading up to 35kN (3.5 tonnes), where the frame of the gully is supported by a concrete plinth	1

Wavin Sewer – Gully Traps and Accessories

Bottle Gullies & Accessories

	Product Code	SAP Code	Size / Description	Pack Qty
	D4311	3036405	Bottle Gully Sealed Access Cover 110mm complete with sealing rings and screws for use with D4308/ D4309	1
	D8968	3066579	Gully Riser	1




Yard & Road Gullies & Accessories

	Product Code	SAP Code	Size / Description	Pack Qty															
	D4095	4039647	P/E Trapped Yard Gully 300mm diameter x 600mm invert depth x 110mm outlet – 600mm overall depth, supplied complete with removable rubber bung for rodding access	1															
	D4096	4037676	Yard Gully Ductile Iron Grating and Frame Straight bar, hinged – suitable for use in installations requiring a EN124 – B125 Medium Duty, loading up to 125kN (12.5 Tonnes) where the frame is supported in a concrete plinth	1															
	D4097	4039668	Yard Gully Catchment Bucket Perforated Galvanised Mild Steel Catchment Bucket	1															
	D4139	4039857	Road Gully 450mm x 900mm x 160mm outlet	1															
			<table border="1"> <thead> <tr> <th>Nominal Size (mm)</th> <th colspan="4">Dimensions (mm)</th> </tr> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>150</td> <td>900</td> <td>465</td> <td>444</td> <td>720</td> </tr> </tbody> </table>	Nominal Size (mm)	Dimensions (mm)					A	B	C	D	150	900	465	444	720	
Nominal Size (mm)	Dimensions (mm)																		
	A	B	C	D															
150	900	465	444	720															
	6UR142	3039653	D/S Adaptor – UltraRib 6UR Ultra Rib socket x 160mm smooth wall EN 1401 socket	1															

Wavin UltraRib

Twinwall foul sewer SN8 system that meets the requirements of the Irish Water Code of Practice 2020 rev 2.

Pipe

	Product Code	SAP Code	Size / Description	Pack Qty
	6UR073	3037883	Plain Ended Pipe 150mm (3m length)	36
	9UR073	3038097	225mm (3m length)	16
	12UR073	3038146	300mm (3m length)	9
	6UR043	3038906	Single Socketed Pipe 150mm (3m length)	36
	9UR043	3038911	225mm (3m length)	16
	12UR043	3038912	300mm (3m length)	9
	6UR046	3039698	150mm (6m length)	36
	9UR046	3039701	225mm (6m length)	16
	6UR869	3039683	Single Socketed Rocker Pipe 150mm (600mm length)	1
	9UR869	3039684	225mm (600mm length)	1
	12UR869	3039688	300mm (600mm length)	1

Fittings

	Product Code	SAP Code	Size / Description	Pack Qty
	6UR105	3039650	D/S Slip Couplers 150mm	1
	9UR105	3039674	225mm	1
	12UR105	3039677	300mm	1
	6UR205	3038904	D/S Pipe Coupler 150mm	1
	9UR205	3039673	225mm	1
	12UR205	3039676	300mm	1
	6UR129	3039656	D/S Adaptor Connector to EN 295 thinwall clay spigot 150mm	1
	6UR141	3039651	S/S Adaptor 6UR socket x 160mm EN 1401 spigot 150mm	1
	6UR142	3039653	D/S Adaptor 6UR socket x 160mm EN 1401 socket 150mm	1
	6UR143	3036775	S/S Adaptor 6UR spigot x 160mm EN 1401 socket 150mm	1

*UR Socket = UltraRib socket


*EN1401 spigot/socket = solid wall spigot/socket to EN1401

Wavin UltraRib

	Product Code	SAP Code	Size / Description	Pack Qty
	6UR099	3036403	S/S Level Invert Reducer 150x110mm	1
	9UR095	3039661	S/S Level Invert Reducer 225x150mm	1
	12UR093	3039675	D/S Level Invert Reducer 300x225mm	1
	6UR163	3036766	S/S Short Radius Bend – 45° 150mm	1
	6UR560	3039669	D/S Short Radius Bend – 87.5° 6UR socket x 160mm EN 1401 socket 150mm	1
	6UR561	3039668	D/S Short Radius Bend – 87.5° 150mm	1
	9UR561	3039678	225mm	1
	12UR561	3039691	300mm	1
	6UR563	3038903	D/S Short Radius Bend – 45° 150mm	1
	9UR563	3039680	225mm	1
	12UR563	3039682	300mm	1
	6UR566	3039655	D/S Short Radius Bend – 30° 150mm	1
	9UR566	3039679	225mm	1
	12UR566	3039687	300mm	1
	6UR567	3039654	D/S Short Radius Bend – 15° 150mm	1
	9UR567	3039681	225mm	1
	12UR567	3039692	300mm	1
	6UR193	3039671	D/S Equal Junction – 87.5° to UltraRib spigot 150mm	1
	6UR213	3038905	D/S Equal Junction – 45° to UltraRib spigot 150mm	1
	9UR213	3039689	225mm	1
	12UR213	3039696	300mm	1

*UR Socket = UltraRib socket

*EN1401 spigot/socket = solid wall spigot/socket to EN1401




	Product Code	SAP Code	Size / Description	Pack Qty
	6UR199	3039663	D/S Unequal Junction – 87.5° to EN1401 spigot 150x110mm	1
	6UR219 9UR224 12UR236	3039664 3039685 3039695	D/S Unequal Junction – 45° to EN1401 spigot 150x110mm 225x110mm 300x160mm	1 1 1
	9UR227 12UR237 12UR240	3038908 3038907 3039697	D/S Unequal Junction – 45° to UltraRib spigot 225x150mm 300x150mm 300x225mm	1 1 1
	6UR292	3036570	P/E Screwed Access Cover allows full bore access to the sewerage system for cleaning, fits into a standard UltraRib socket 150mm	1
	6UR290	3039657	S/S Screwed Access Cover allows full bore access to the sewerage system for cleaning, fits into a standard UltraRib spigot 150mm	1
	6UR296 9UR296 12UR296	3036387 4039537 4039621	P/E Socket Plug allows full bore access to the sewerage system for cleaning, fits into a standard UltraRib socket 150mm 225mm 300mm	1 1 1
	6UR117 9UR117 12UR117	4039192 4039259 4039410	Ring Seal 150mm 225mm 300mm Note: Ring Seals to be ordered separately	5 5 5

*UR Socket = UltraRib socket

*EN1401 spigot/socket = solid wall spigot/socket to EN1401

Wavin Domestic Channels

Channel Drain

	Product Code	SAP Code	Size / Description	N° per Pallet
	DOC210	3037114	OsmaChannel 1m 80mm overall depth, complete with lockable galvanised grating	45
	DOC260	3036062	OsmaChannel End Plate	1
	DOC410	3032497	Osma RainChannel 1m 87mm overall depth, black polypropylene channel complete with self locking plastic grating	48

Wavin Chambers, Access Junctions, Inspection Chambers and Manhole Systems

Wavin has revolutionised the Irish Chamber market by offering an innovative suite of chambers from 315mm Access Junctions up to 1000mm Manholes. Now there's a better, safer, more cost-effective way of keeping the way clear for maximum drainage and flow efficiency – The Wavin Chamber Range.

Wavin 315mm Access Junction (WAJ)

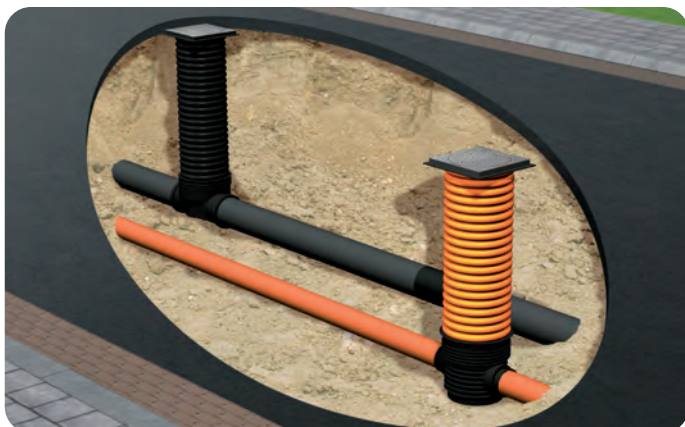
The 315mm Access Junction is the compact solution for 110mm and 160mm OD underground sewage and drainage systems around private housing developments and other buildings.

- Full Plastic in PVC-U
- Corrosion Resistant, durable
- Adjustable frame and cover: Tilts and rotates to suit site conditions
- Ten flow profile designs
- Wafix Sealing Construction
- Manufactured and independently certified to EN13598-1 and EN13598-2 (as applicable)

Wavin 450mm Inspection Chamber

The Wavin 450 non entry chamber is a solution for inspection points for 110mm and 160mm OD underground sewage and drainage pipe systems.

- Lightweight
- Easy to Install
- Modular System: shaft can be built up to required length if NIC system required
- Manufactured and independently certified to EN13598-2



Inspection Chambers and Manhole Systems

Tegra 600 Inspection Chamber

The Tegra 600 Inspection Chamber consists of the base, corrugated single wall shaft and adjustable cover. Available in 6 different flow profiles. All flow profiles have adjustable base connections.

- Manufactured and independently certified to EN13598-2

Tegra 1000 Inspection Chamber

The Tegra 1000 manhole base is available in 6 different flow profiles and is suitable for pipe connections from 60mm up to 400mm.

- Complies with EN13598-2

All Tegra 1000 flow profiles with connections 160mm to 315mm can be supplied with adjustable connectors on request.

Important Note: Fittings of all products must be ordered in their pack multiples as illustrated in catalogue.

WAJ 110

Wavin Access Junctions

The Wavin Access Junction (WAJ 110) provides access from surface level to Wavin below ground 110mm diameter gravity drainage and sewer systems. The WAJ 110mm is available in 10 flow profiles and is complete with Wafix seals. The range of profiles along with the same invert level for entry & outlet minimises the risk of blockages. The WAFIX seal provides security of water tightness whilst facilitating flexibility of installation misalignment.



Non Entry
Inspection Chamber

Applications

- Areas inaccessible to motor vehicles – Down to 0.6m deep under Building Regulations – Part H
- Load classification EN124:A15

Key Dimensions

- Invert depth of base: 205mm
- Shaft section length: 150mm
- Inlets/outlets: 110mm
- 150mm shaft length available for flexible assembly to max installation depth: 0.6m. Ref Table 9 Part H Building Regulations 2010

Material

- PVCu

Key Features & Benefits

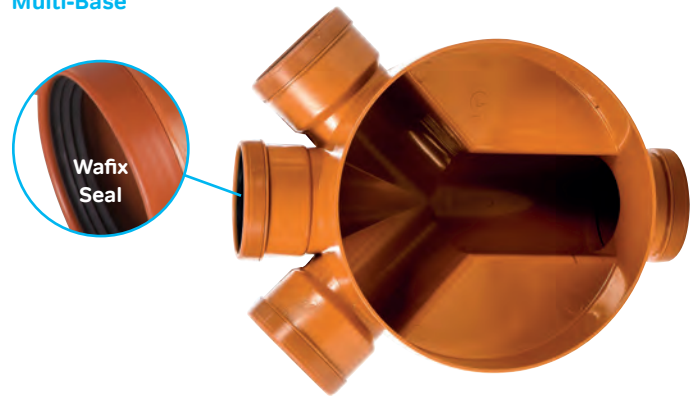
- Multiple options for maximum installation flexibility
- Clear direction of flow arrows
- Fixed triple seal which ensures a secure fit and a high angle of deflection
- Fast, easy installation: no wet trades
- Lightweight: no lifting equipment required
- Push-fit shaft sections: one or more can be used to achieve required invert depth
- Final shaft section can be cut to required length
- Adjustable frame and cover: Tilts and rotates to suit site conditions
- No additional trench excavation required
- The 110mm inlets are level invert and fully swept to give maximum flow characteristics and to minimise the risk of blockage

Compliance

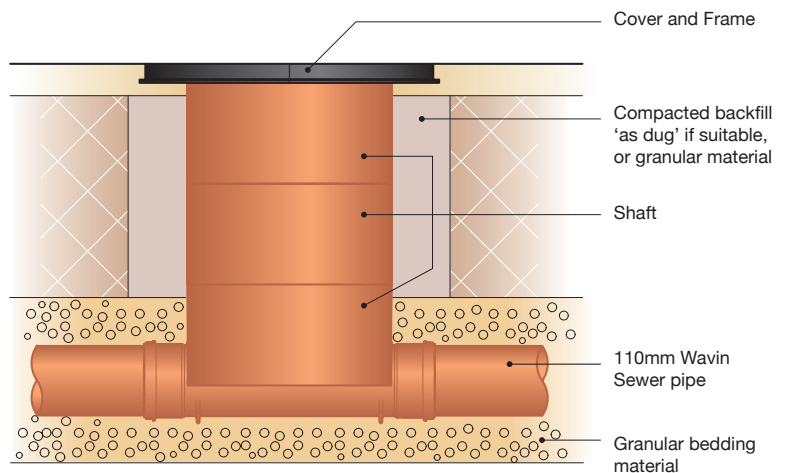
WAJ 110 Access Junctions comply with the following standards and regulations:

- EN 13598-1: 2010 ♡
- Building Regulations – Part H – to maximum depth 0.6m

Multi-Base







Typical installation detail






Wavin Inspection Chambers and Manholes

WAJ 110mm (4in)


Manufactured and independently certified to EN13598-1

	Product Code	SAP Code	Size / Description	Pack Qty	Pallet Qty
	D4150	3066834	WAJ 1 110mm (4in) Straight through	2	36
	D4151	3066833	WAJ 2 110mm (4in) Left or right hand 90° bend	2	36
	D4152	3066831	WAJ 3 110mm (4in) Left hand 90° junction	2	36
	D4153	3066829	WAJ 4 110mm (4in) Left hand 45° junction	2	36
	D4101	3066825	WAJ 5 110mm (4in) Left or right hand 45° junction	2	36
	D4154	3066828	WAJ 7 110mm (4in) Right hand 90° and 45° junction	2	36
	D4156	3066830	WAJ 12 110mm (4in) Right hand 45° junction	2	36





Wavin Inspection Chambers and Manholes

	Product Code	SAP Code	Size / Description	Pack Qty	Pallet Qty
	D4157	3066832	WAJ 13 110mm (4in) Right hand 90° junction	2	36
	D4158	3066827	WAJ 16 110mm (4in) Left hand 90° and 45° junction	2	36
	D4159	3066826	WAJ 18 110mm (4in) Two 90° inlet junction	2	36

WAJ Riser/Shaft

	Product Code	SAP Code	Size / Description	Pack Qty	Pallet Qty
	D4183	3029389	WAJ Riser/Shaft 315mm diameter x 150mm high	3	108

WAJ Cover and Frame

	Product Code	SAP Code	Size / Description	Pack Qty	Pallet Qty
	D4493	3066824	WAJ Adjustable Frame and Cover – A.15 loading WAJ Adjustable top/frame	1	–
	D4490	3066805	300 x 300mm Cover A.15 Loading	10	240
	D4492	3066571	WAJ Cover and Frame – A.15 loading 300 x 300mm WAJ Cover and frame (comprised of the D4490 cover and D4491 frame)	10	240
	D4491	3066570	300 x 300mm Frame (Black)	1	–

WAJ 160

Wavin Access Junction

The Wavin Access Junction (WAJ 160) provides access from surface level to Wavin below ground 160mm diameter gravity drainage and sewer systems. The WAJ 160mm is available in 4 flow profiles and is complete with Wafix seals. The range of profiles along with the same invert level for entry & outlet minimises the risk of blockages. The WAFIX® seal provides security of water tightness whilst facilitating flexibility of installation misalignment.



Applications

- Areas accessible to motor vehicles – Down to 0.6m deep under Building Regulations – Part H
- Load classification EN124:B125 with concrete plinth

Key Features & Benefits

- Multiple options for maximum installation flexibility
- Fast, easy installation: no wet trades
- Lightweight: no lifting equipment required
- Push-fit shaft sections: one or more can be used to achieve required invert depth
- Final shaft section can be cut to required length
- No additional trench excavation required
- The 160mm inlets are level invert and fully swept to give maximum flow characteristics and to minimise the risk of blockage

Key Dimensions

- Invert depth of base: 205mm
- Shaft section length: 1.0m
- Inlets/outlets: 160mm
- 1.0m shaft length available for flexible assembly to max installation depth: 0.6m. Ref Table 9 Part H Building Regulations 2010

Material

- Polypropylene (PP)

Compliance

- Multi-Base Inspection Chambers comply with the following standards and regulations:
- EN 13598-1: 2010 ♡
 - Building Regulations – Part H



Non entry Inspection Chamber

Wavin Inspection Chambers and Manholes

WAJ 160mm (6in)

Manufactured and independently certified to EN13598-2

	Product Code	SAP Code	Size / Description	Pack Qty	Pallet Qty
	D4461	4021998	WAJ 1 160mm (6in) Base only straight through		-
	D4464	4022001	WAJ 4 160mm (6in) Base only left hand 45°		-
	D4465	3018500	WAJ 5 160mm (6in) Base only left or right hand 45°		-
	D4462	4022003	WAJ 12 160mm (6in) Base only right hand 45°		-
	D4471	3040850	1 Metre Shaft		9
	D4480	3066597	C I Cover and Skirt EN124.B125 loading		9

Wavin Chambers 450mm Universal Inspection Chamber



The Wavin 450mm Inspection Chamber provides access from surface level to Wavin below ground 110m & 160mm gravity drainage and sewer systems. The Wavin 450mm IC is available in 3 flow profiles.



Non entry Universal
Inspection Chamber



Applications

- EN124: A15 Loading
Areas inaccessible to motor vehicles using polypropylene covers – D8936 or D8965

Note: May be suitable for car driveways up to 50Kn when frame is supported with concrete plinth. Contact Wavin technical for guidelines.

- EN124: B125 Loading
Area accessible to motor vehicles using ductile iron cover and frame D8924 along with a concrete plinth

Key Dimensions

- Height of bases:
 - 295mm for D4303
 - 270mm for D8923 and D8922
- 305mm shaft length available for flexible assembly to a max depth of 1m. Ref Table 9 Part H Building Regulations 2010

Key Features & Benefits

- Fast, easy installation: no wet trades
- Lightweight: no lifting equipment required
- Push-fit shaft sections: one or more can be used to achieve required invert depth
- Final shaft section can be cut to required length
- No additional trench excavation required

Compliance

Universal Inspection Chambers comply with the following standards and regulations:

- EN 13598-1: 2010 ♡
- Building Regulations – Part H







Look
for the
green
seal

Wavin Inspection Chambers and Manholes



Wavin 450mm

Manufactured and independently certified to EN13598-1

	Product Code	SAP Code	Size / Description	Pallet Qty
	D4303	4037551	Universal Inspection Chamber Bases 110mm x 110mm	16
	D8923	4037681	160mm x 110mm	16
	D8922	4037680	160mm x 160mm	1
	D4304	4039692	Inspection Chamber Shaft 450mm x 305mm height	16
	D8965	3034160	Round Cover and Frame PP Polypropylene/BS 7158 – A15 to EN124. Locking screws	1
	D8938	4037677	Square Cover and Frame Polypropylene /BS 7158 – A15 to EN 124. Locking screws Can be suitable for loadings up to 50Kn when frame is supported by a concrete plinth	1
	D8924	4039552	Ductile Iron Cover and Frame EN124.B125 for Inspection Chambers	1
	D4305	3035780	Inspection Chamber Plug (spare) 110mm	10

Wavin Tegra 600 Inspection Chamber

The Wavin Tegra 600 Inspection Chamber provides access from surface level to Wavin below ground gravity drainage and sewer systems for diameters 160mm, 200mm, 250mm & 315mm.



Tegra 600 is available in 6 flow profiles.

Applications

- EN124: B125 Loading; EN124 D400 Loading
Using ductile iron cover and frame along with a concrete plinth

Key Dimensions

- Invert depth of base:
 - 646mm for 160mm & 200mm systems
 - 705mm for 250mm & 300mm systems
- 1m or 6m shaft lengths available for flexible assembly to a max depth of 1m. Ref Table 9 Part H Building Regulations 2010

Key Features & Benefits

- Fast, easy installation: no wet trades
- Lightweight: no lifting equipment required
- Reinforced base plate to withstand groundwater pressure
- Shaft can be cut to required length
- All inlets and outlet sockets allow $\leq 7.5^\circ$ movement in all directions

Compliance

Tegra 600 chambers comply with the following standards and regulations:

- EN 13598-2: 2009 a
- Building Regulations – Part H
- Irish Water Code of Practice 2020 Rev 2



Tegra 600 non entry Chamber

Wavin Inspection Chambers and Manholes

Tegra 600

Manufactured and independently certified to EN13598-2

	SAP Code	Size / Description		SAP Code	Size / Description
 	2001533 2001530 2001531 2001532	90° Bases 160mm 200mm 250mm 315mm	 	3012391 3001917 3000243 3001919	Base Tees 160mm* 200mm* 250mm* 315mm* *Not suitable for sewer applications (Stormwater only)
	2001541 2001538 2001539 2001540	120° Bases (60°) 160mm 200mm 250mm 315mm		3071397 4027039	Tegra 600 Shafts L= 1m L= 6m
	2001537 2001534 2001535 2001536	150° Bases (30°) 160mm 200mm 250mm 315mm		4000666	Blank Base Without inlets & outlets
	2001525 2001526 2001527 2001528	180° Bases 160mm 200mm 250mm 315mm		3066759	Accessories Tegra 600 Biscuit
 	3012392 3000245 3000246 3000247	Base Crosses 160mm 200mm 250mm 315mm	 	3083018 3066682 D4767 3069836 D4764	Tegra Adaptors 200mm x 9" 250mm x 9" 315mm x 9" Tegra In-Situ Connector 160mm Tegra In-Situ Connector 200mm

Wavin Tegra 1000 Manhole

The Wavin Tegra 1000 manhole provides access at channel invert to Wavin below ground gravity drainage and sewer systems for diameters 160mm, 200mm, 250mm & 315mm.

The modular structure comprises 3 elements: Base, Shaft & Cone.

Tegra 600 is available in 6 flow profiles.

Applications

- EN124: B125 Loading: EN124 D400 Loading
Using ductile iron cover and frame along with a concrete plinth

Key Dimensions

- Invert depth of base:
 - 714mm for 160mm & 200mm systems
 - 825mm for 250mm and 315mm systems
- External shaft diameter: 683mm
- 1.2m, 2.4m, 3.1m or 6m shaft lengths available for flexible assembly to a max depth of 1.5m. Ref Table 9 Part H Building Regulations 2010

Key Features & Benefits

- Fast, easy installation: no wet trades
- Lightweight: no lifting equipment required
- Reinforced base plate to withstand groundwater pressure
- Shaft can be cut to required length
- All inlets and outlet sockets allow $\leq 7.5^\circ$ movement in all directions

Compliance

Tegra 1000 chambers comply with the following standards and regulations:

- EN 13598-2: 2009 a
- Building Regulations – Part H







Tegra 1000 Manhole Chamber

Wavin Inspection Chambers and Manholes

Tegra 1000 Manhole

Complies with EN13598-2

	SAP Code	Size / Description		SAP Code	Size / Description
 	3041541 3041545 3041559 3041585	Manhole Bases 90° 160mm 200mm 250mm 315mm	 	3041543 3023797 3041582 3041587	90° Double Junction (Left or Right Inlet) 160mm 200mm 250mm 315mm
	3041544 3041548 3041584	Manhole Bases 60° 200mm 250mm 315mm		3023807	Manhole Cone 1000mm x 600mm opening
	3023767 3041547 3041583	Manhole Bases 30° 200mm 250mm 315mm		3023312 3023311 3023310 3021035	Manhole Shafts L= 1.2m L= 2.4m L= 3.6m L= 6.0m
	3041540 3023747 3041546 3023762	Manhole Bases 180° 160mm 200mm 250mm 315mm		4032050 4032049 4032048 4032047	GRP Ladder (set including bracket) 1.63m length – 6 steps, 1 bracket 2.83m length – 10 steps, 1 bracket 4.03m length – 14 steps, 2 brackets 5.23m length – 18 steps, 2 brackets
 	3041542 3023791 3041560 3041586	45° Double Junction (Left or Right Inlet) 160mm 200mm 250mm 315mm		4032025	Ladder bracket Ladder Strip plus 2 brackets
				3040837	Ladder Plug

Wavin AquaCell Stormwater Management



Wavin AquaCell Eco



Application

Wavin AquaCell Eco is manufactured from specially reformulated, recycled material and has been specifically designed for shallow, non-trafficked, landscaped applications. Wavin AquaCell Eco is NOT suitable for locations subject to high water tables.

Wavin AquaCell Eco is typically suitable for installations to a maximum depth of 2.68 metres, to the base of the units from ground level, with a minimum cover depth of 0.3 metres. (CIRIA's recommendation, is to allow a cover depth of 0.5 metres in applications where a ride on mower may be used).

Any installation using Wavin AquaCell Eco must NOT be subjected to additional loading at any time. Trafficking by construction plant on site, including mechanical equipment, must be avoided.

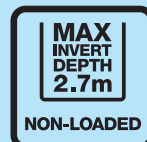
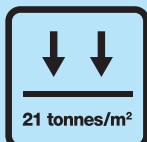
If trafficking of the buried tank by construction plant or, other vehicles is unavoidable, the installation should be constructed using AquaCell Core-R units.

The width of an Wavin AquaCell Eco installation should not exceed 12 metres to allow for mechanical backfilling without loading. There is no limit to the length of the installation.

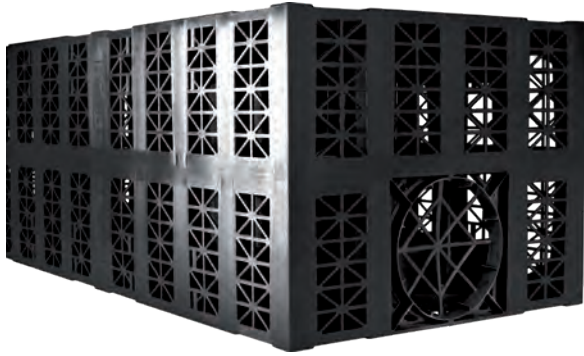
Features and Benefits

- **Manufactured from specially reformulated, recycled material**
- **Suitable for both soakaway and attenuation applications**
- **Proven vertical loading capacity of: 21.3 tonnes/m² (213kN/m²)**
- **Proven lateral loading capacity of: 5.2 tonnes/m² (52kN/m²)**
- **Integral "hand holds" for ease of carrying/handling**
- **BBA approved – Certificate No 03/4018**

Wavin
AquaCell
Eco



Wavin AquaCell Core R



Application

Wavin AquaCell Core R has been designed for use in deep applications, subject to regular and heavy traffic loadings, e.g. cars and HGV's. Wavin AquaCell Core R can also be used for deep soakaways and landscaped applications.

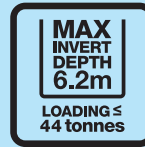
Typically for use down to depths of 6.68m in landscaped areas (6.43m trafficked by cars) to the base of the units from ground level, in best soil conditions.

Trafficking by heavy construction plant on site, including mechanical equipment, must be avoided until the minimum cover depth of 1.11 metres is in place.

Features and Benefits

- Suitable for regular and heavy traffic loadings
- Proven vertical loading capacity of: **66.9 tonnes/m²** (669 kN/m²)
- Proven lateral loading capacity of: **12.3 tonnes/m²** (123kN/m²)
- BBA approved – Certificate No 03/4018
- Ideal for all types of shallow and deep projects including major attenuation and infiltration schemes

Wavin AquaCell Core R



Wavin AquaCell Plus R



Application

Wavin AquaCell Plus R has been designed primarily for use in applications where inspection is required. It is suitable for use in all applications from landscaped areas to heavily trafficked areas (for vehicles up to 44 tonnes). The units can be used in combination with Wavin AquaCell Core R (and Eco if there is at least one layer of Core-R in between the Plus-R and Eco layer).

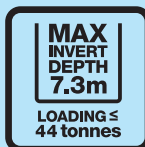
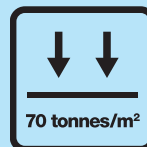
Extra lateral loading capacity allows installation at greater depths. Integral inspection channels in each unit combine to create viewing channels for the full length of the installed structure.

Typically for use down to depths of 7.82m in landscaped areas (7.57m trafficked by cars and 7.3m trafficked by HGV's) to the base of the units from ground level, in best soil conditions. Trafficking by heavy construction plant on site, including mechanical equipment, must be avoided until the minimum cover depth of 1.30 metres is in place.

Features and Benefits

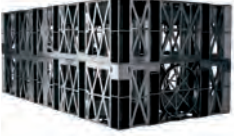


- Suitable for extra deep installations
- Inspectable (supplied with end cap for use when an inspection channel is not required)
- Proven vertical loading capacity of: **70.2 tonnes/m²** (702 kN/m²)
- Proven lateral loading capacity of: **15.1 tonnes/m²** (151 kN/m²)

Wavin AquaCell Plus R

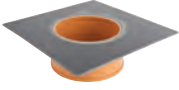
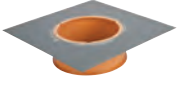






Wavin AquaCell – Stormwater Management

AquaCell Modular units

	Product Code	SAP Code	Size / Description	Pack Qty
	6LB025	4040289	AquaCell Eco (for landscaped/ non-trafficked sites) 160mm – for soakaway and storage applications - 1.0m x 0.5m x 0.4m 100% recycled polypropylene modular unit – 95% void. Supplied complete with three clips and two shear connectors (BBA No. 03/4018)	1
	6LB150	4064830	AquaCell Core-R (for both regular and heavy traffic loadings) 160mm – for soakaway and storage applications – 1.0m x 0.5m x 0.4m modular unit – 95% void. Supplied complete with three clips and two shear connectors	1
	6LB250	4064832	AquaCell Plus-R (for deep and/ or inspectable applications in landscaped and regular/heavily trafficked areas) 160mm – for soakaway and storage applications where inspectability is required – 1.0m x 0.5m x 0.4m modular unit – 95% void. Supplied complete with three clips, two shear connectors and one end cap	1

Stormwater Management Accessories

	Product Code	SAP Code	Size / Description	Pack Qty
	E4552	4037679	Flange Adaptor 150mm 6UR socket for connection of UltraRib to infiltration unit at positions other than preformed opening (6LB104) Note : Made to order only	1
	E4556	4039642	Flange Adaptor 225mm 9UR socket for connection of UltraRib to infiltration unit (6LB106) Note : Made to order only	1
	6UR141	3039651	Ancillary Items – S/S Adaptor 150mm 6UR [▲] socket x 160mm EN 1401 spigot for connection of UltraRib to infiltration unit	1
	6UR099	3036403	S/S Level Invert Reducer 150mm to 110mm pipe	1
	6TW141	3036764	S/S Adaptor 150mm 6TW [●] socket x 160mm EN 1401 spigot	1
	D6113	3069832	S/S Level Invert Reducer 160mm to 110mm	1

▲ UR = UltraRib, ● TW = TwinWall

Wavin AquaCell – Stormwater Management

	Product Code	SAP Code	Size / Description	Pack Qty
	C8018BK	3024840	SW/S Roof Cowl 110mm	1
	4D916	3036796	PE Adaptor 160mm spigot connection to Wavin AquaCell	1
	E4565	3019950	AquaCell Clip (spare) For joining units (6LB105)	1
	E4562	3019949	AquaCell Shear Connector (spare) For joining in multi-layer installations (6LB102)	1
	6LB202	3082539	AquaCell Plus-R End Cap (spare) For blocking off unused inlets/outlets	1

Next Genius

Faster, easier and
more sustainable

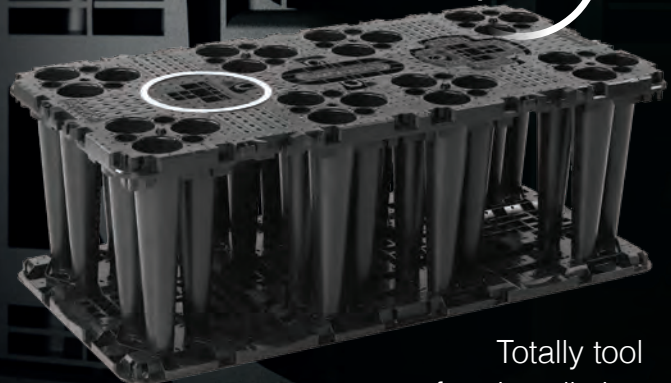
Welcome to the next generation attenuation performance of AquaCell NG.

- 3 x faster installation than previous generation AquaCell
- Nested design means units require only a quarter of the space on site, with 4 x fewer deliveries and 4x lower CO²

AquaCell NG
Next Generation attenuation

Coming
Soon!

100%
recycled
plastic



Totally tool
free installation

Wavin Silt Traps – Stormwater Management




Silt Traps

	Product Code	SAP Code	Size / Description	Pack Qty
	6LB600	4039858	Silt Trap 500mm dia x 1.25m depth* (160mm inlet and outlet)	1
	6D934	3038205	P/E Shaft 500mm dia x 1.5m depth	1
	6SC205	3039693	Shaft Coupler Extension 500mm dia TwinWall coupler and 2 ring seals, shaft of TwinWall pipe also required	1
	D8938	4037677	Square Cover and Frame Polypropylene – A15 to EN 124. Locking screws pedestrian loading	1
	6LB300	4040293	Domestic Silt Trap 250mm x 750mm depth with 110mm dia inlet and outlet spigots	1
	D4317	3037230	Domestic Silt Trap Cover 250mm Square Cover – A15 to EN 124, pedestrian loading	1
	6LB301	4040292	Extension Piece for 6LB300 250mm x 500mm depth (effective length = 335mm)	1
	6LB302	4040291	Silt Trap Bucket for 6LB300 200mm x 210mm depth	1

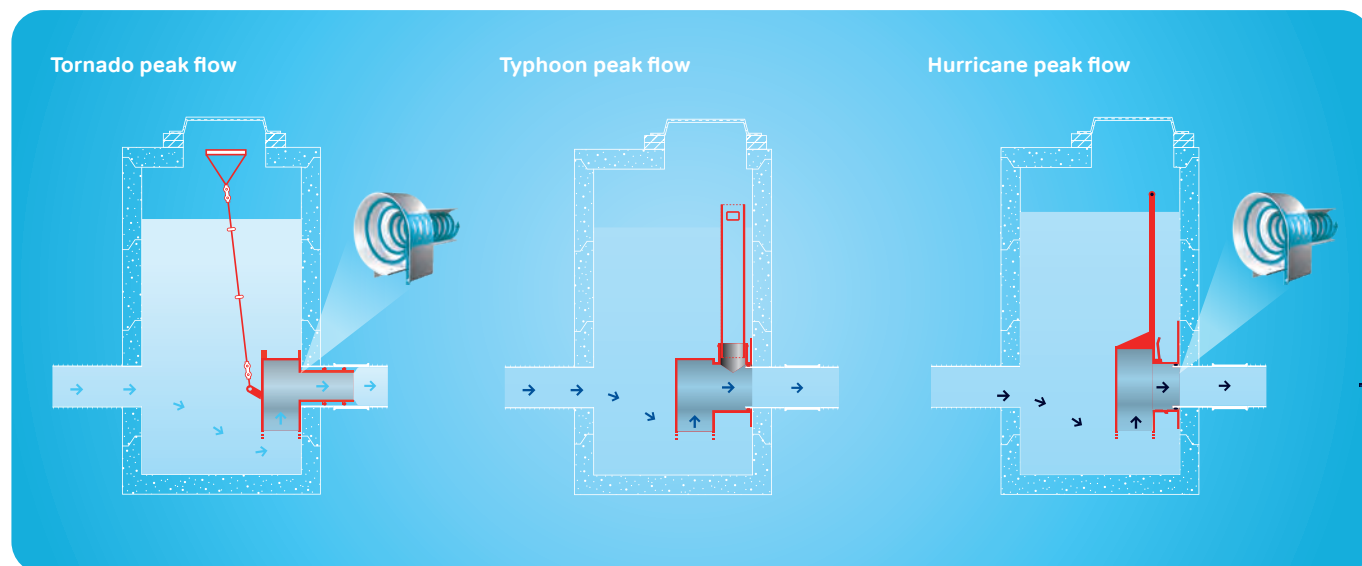
*Non-stock item, lead time available on request.

Wavin Vortex Valves – Stormwater Management

Vortex Flow Control Valves

	Product Code	SAP Code	Size / Description
	—	—	Tornado* Comes complete with an integral pivoting bypass door and stainless steel wire rope, facilitating emergency drain-down from ground level. Spigot or plate fixing options available.
	—	—	Hurricane* Comes complete with lifting handle, which enables easy and convenient de-mounting/mounting of the valve from ground level. Spigot or plate fixing options available.
	—	—	Typhoon* Comes complete with integral drain down facility via a removable up-stand pipe from ground level. Spigot or plate fixing options available.

* The vortex valves are bespoke and custom built for any required discharge rate, contact Technical Design for more information.

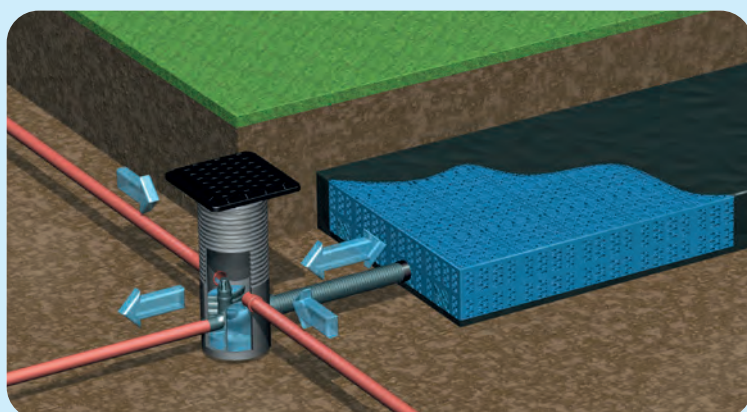


Wavin Garastor – Stormwater Management

The Garastor unit/ orifice flow control with a maximum 1.4 litres for a .4m head.

	Product Code	SAP Code	Size / Description	Pack Qty
	6SC501	4039861	Garastors Storm and Surface water control chamber 500mm dia x 1.25m deep unit *	1
	D8938	4037677	Cover & Frame Shaft cover and frame – A15 main unit connection kit	1
	6SC200	3039658	Garastor Connection Kit Section of 150mm TwinWall pipe (220mm in length) and 2 ring seals	1
	6D934	3038205	P/E Shaft 500mm dia x 1.5m depth	1
	6TW141	3036764	S/S Adaptor 150mm 6TW [®] socket x 160mm EN 1401 spigot	1

*Non-stock item, lead time available on request.



Discharge value

The Garastor control unit manages discharge from small domestic attenuation devices such as AquaCell. The attenuation units should be no greater than one unit deep with a discharge value of up to 1.4 l/s.

Water flow

Storm or surface water flows into the unit via 110mm pipe. If the flow is moderate, the water is stored in the chamber before being slowly released. If the flow is heavy, the water is diverted from the chamber into an attenuation unit for temporary storage and then release under controlled conditions.

Wavin Q-Bic Plus Stormwater management

The Q-Bic Plus geocellular system has been uniquely engineered to combine ease of access and speed of installation. The system is a fully BBA approved, modular SuDS technique for managing stormwater.



Applications

The Q-Bic Plus system can be used either as a temporary storage tank or a soakaway, particularly where accessibility into the tank is required. It is suitable for a wide range of landscaped and trafficked applications, including:

- Landscaped
- Parks
- Domestic gardens
- Residential developments
- Car parks & roads
- Industrial/commercial areas

Infiltration or attenuation?

The Q-Bic Plus range can be used either as:

- A soakaway (when using the Perforated Base Plate) whereby the units will be installed in suitable pervious soils so the units can be wrapped in a geotextile to allow infiltration of the stormwater into the surrounding ground, or
- As an attenuation tank (when using the Solid Base Plate) in impervious ground (e.g. clay) where infiltration is not possible, here the units are wrapped in a geomembrane (which is in turn wrapped in a protective geotextile layer) so that the structure can hold the stormwater temporarily until local drainage flows can accept it for normal disposal at a permissible outflow rate

The Q-Bic Plus system is modular in its design and comprises of easy to install components that can be designed to create a tank or soakaway to suit the needs of a specific site. The components are explained here:

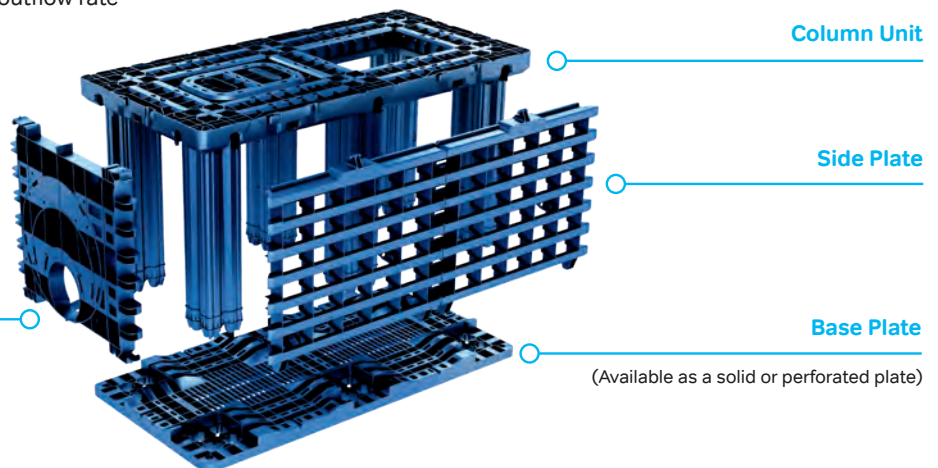
Connection Plate

(Available with a 160mm dia open socket or 315mm dia open socket)

Features & benefits

The Q-Bic Plus range can be used either as:

- Fully BBA approved under certificate No. 17/5394
- Proven vertical loading capacity of 32.5 tonnes/m² and lateral loading capacity of 10.8 tonnes/m²
- The open void structure gives class leading levels of access for inspection and maintenance, with;
 - 70% open floor space with both vertical and lateral access, allowing easy deployment of inspection and cleaning equipment
 - Inspection access and inlets/outlets that can be placed in almost any position
 - Guide channels inside the system, ensuring smooth, unobstructed access
- Fast, easy to install units, with push-fit functionality and patented integrated connectors, with no need for separate pegs or clips
- Modular design gives freedom to configure any shape of tank to suit the site conditions
- Lightweight and easy to carry with ergonomic hand grips and a walkable top deck
- Can be used as part of a SuDS scheme to help reduce flood risk



Wavin Q-Bic Plus – Stormwater Management

Q-Bic Plus – Inspectable & cleanable infiltration/attenuation system

	SAP Code	Size / Description	Pack Qty
	3059730	Q-Bic Plus Infiltration Unit 1200 x 600 x 600mm	1
	3059731	Q-Bic Plus Solid Base Plate (attenuation applications) 1200 x 600 x 70mm	1
	3059732	Q-Bic Plus Perforated Base Plate (infiltration applications) 1200 x 600 x 70mm	1
	3084342	Q-Bic Plus Lateral Side Plate (infiltration applications) 1184 x 543 x 50mm	1
	3070654	Q-Bic Plus Set Right & Left Side Plate 600mm	1
	3059735	Q-Bic Plus Kit Pipe Connector 160-400mm	1

Wavin Water Mains Polyethylene Pipe

Applications

Increasingly, conventional PE pressure pipe installation in an equalizing bed is being replaced by trenchless procedures such as, for example, ploughing, horizontal drilling or bursting, as well as pipe installations without an equalizing bed. Such alternative installation methods, however, expose the pipes to additional short and long-term loads, such as those resulting from adjacent stones or obstacles in the bedding zone.

It has been shown that PE 100 standard materials are unable to achieve their anticipated 100-year service life where these additional stresses are present. As a result, Wavin, working in conjunction with the raw materials industry, invented the first pressure pipe design capable of resisting these stresses for more than 100 years. Today, the employed raw material is known as PE 100-RC.

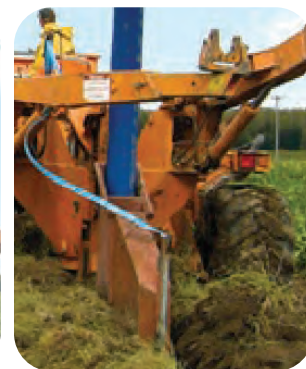
Introduction to SafeTech RCⁿ

Wavin SafeTech RCⁿ is a coextruded two-layer pipe with protective properties, made from PE 100-RC materials. The acronym "RC" in the name PE 100-RC stands for "resistance to crack" and describes the resistance of a pipe material to slow crack growth. The outer signal layer, which makes up approximately 10% of the pipe wall thickness, is coloured according to the medium that is to be transported.

SafeTech RCⁿ is a PE 100-RC pipe that not only complies with European standards, but also satisfies the minimum requirements of the German PAS 1075 (publicly available specification).

System Benefits

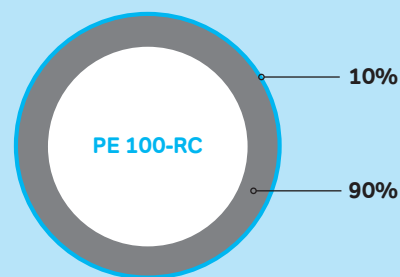
- Coextruded PE 100-RC pipe with an approx. 10% outer layer, coloured for the medium
- Resistance against crack
Resistance against slow crack growth is ten times better compared to standard PE 100 pipes
- Directional Drilling
Wavin SafeTech RCⁿ pipes are suitable for all No-Dig or trenchless installations



Two layer pipe • Inside protection layer

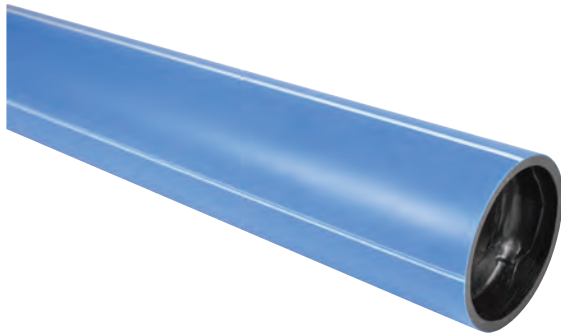


SafeTech RCⁿ



Wavin Water Mains – Polyethylene pipe

SafeTech RCⁿ Watermain – PE 100



Straight Lengths: SDR 11 / 16 Bar

Nominal OD (mm)	Wall Thickness (mm)	SAP Code	Length (m)
90	8.2	3053714	12
110	10.0	3053604	12
125	11.4	3053446	12
160	14.6	3053462	12
180	16.4	3053599	12
225	20.5	3053602	12
250	22.7	3015437	12
280	25.4	3015438	12
315	28.6	3015439	12
355	32.2	3015440	12
400	36.3	3015441	12
450	40.9	3015442	12
500	45.4	3070757	12

Straight Lengths: SDR 17 / 10 Bar

Nominal OD (mm)	Wall Thickness (mm)	SAP Code	Length (m)
90	5.4	3053713	12
110	6.6	3053605	12
125	7.4	3053529	12
160	9.5	3053603	12
180	10.7	3053600	12
225	13.4	3053601	12
250	14.8	3015461	12
280	16.6	3015366	12
315	18.7	3015375	12
355	21.1	3015462	12
400	23.7	3015463	12
450	26.7	3015464	12
500	29.7	3065649	12



Coils: SDR 11 / 16 Bar

Nominal OD (mm)	Wall Thickness (mm)	SAP Code	Length (m)
90	8.2	3015425	100
110	10.0	3072741	100
125	11.4	3072444	100

Coils: SDR 17 / 10 Bar

Nominal OD (mm)	Wall Thickness (mm)	SAP Code	Length (m)
90	5.4	3015444	100
110	6.6	3053716	100
125	7.4	3072742	100

Wavin Water Mains – Polyethylene pipe

Wavin Polyethylene (MDPE, HPPE)

Manufactured in accordance with EN12201

	Product Code	SAP Code	Size / Description	Length	Pressure Rating
			Medium Density PE (MDPE 80) – Blue		
	H9610	3038096	20mm	25m	12.5 bar
	H9614	3038117	20mm	50m	12.5 bar
	H5536	3038136	20mm	100m	12.5 bar
	H9611	3038151	25mm	25m	12.5 bar
	H5540	3038135	25mm	50m	12.5 bar
	H5537	3038137	25mm	100m	12.5 bar
	H5524	3038086	32mm	25m	12.5 bar
	H9615	3031926	32mm	50m	12.5 bar
	H5555	3038169	32mm	100m	12.5 bar
	H5541	3038224	50mm	100m	12.5 bar
	3038250	3038250	50mm	150m	12.5 bar
H5550	3038273	63mm	100m	12.5 bar	
			High Performance PE (HPPE 100) – Blue		
	H2997	3066509	90mm	12m	SDR 17
	H3019	3066519	90mm	100m	SDR 17
	H2991	3066506	110mm *	12m	SDR 17
	H3018	3066518	110mm *	100m	SDR 17
	H3024	3066523	125mm	100m	SDR 17
	H3025	3066524	125mm	100m	SDR 17
	H3029	3066525	160mm *	12m	SDR 17
	H3017	3066517	180mm *	12m	SDR 17
			High Performance PE (HPPE 100) – Blue		
	H2994	3066508	90mm *	100m	SDR 11
	H2999	3066510	110mm	12m	SDR 11
	H3027	3066550	125mm *	100m	SDR 11
	H3020	3066520	160mm	12m	SDR 11
	H3023	3066522	180mm	12m	SDR 11

Standard Dimensional Ratio (SDR): The Standard Dimension Ratio (SDR) is used to describe the relationship between pipe diameter, wall thickness and therefore the pressure rating of the pipe. The relationship between the pipe OD and the wall thickness remains constant for all pipe sizes for a given pressure rating, and can be expressed in the following equation:

$$\text{SDR} = \frac{\text{Pipe Outside Diameter (minimum)}}{\text{Pipe Wall Thickness (minimum)}}$$

* = Limited Stock

Wavin

Electrofusion Fittings

Introduction

Key Approvals and Standards

All Wavin products are manufactured under a quality management system accredited to EN ISO 9001: 2000 (certificate No. FM00217) and which is listed in the BSI Register of Assessed Capability. Wavin pressure Pipe systems have all the relevant approvals where applicable.

PE Fittings

- EN 12201: 2003 Plastic piping systems for water supply
- Polyethylene (PE)

Important Note:

All Wavin Electrofusion Fittings have pin size 4.0mm. For use with UK Electrofusion machines, 4.7mm adaptors may be required. EF pins or EF LED Adaptors.

Wavin Electrofusion stub flanges are not supplied with backing rings/flanges. These items need to be ordered separately.



Electrofusion Fittings – 16 Bar

	SAP Code	Description	Size (mm)		SAP Code	Description	Size (mm)	
	4018385	EF Couplers	20		4018410	EF Elbows 90°	90	
	4018364		25		4018414		110	
	4018365		32		4026875		125	
	4018368		63		4018424		160	
	3023119		90		4023713		180	
	4026873		110		EF Elbows 45°		4018391	32
	4018372		125				4018399	50
	4018374		160				4018403	63
	4018375		180				4018409	90
	4018577	EF Reducers	25x20		4018413		110	
	4023509		32x20		4039455		125	
	4018580		32x25		3040515		160	
	4018595		63x32		4023712		180	
	4018597		63x50		EF Equal Tees 90°		4024150	20
			4018604					90x63
4060696		110x63	4018457	32				
4018608		110x90	4018464	50				
4063197		125x125	4018470	63				
4039456		125x90	EF Elbows 90°	4018481	90			
4060697	160x90	4018486		110				
	4024149	EF Elbows 90°	20	4043897	160			
	4018388		25	4041212	180			
	4018392		32					
	4018400		50					
	4018404		63					

Wavin

Electrofusion Fittings

Electrofusion Fittings – 16 Bar

	SAP Code	Description	Size (mm)		SAP Code	Description	Size (mm)
	4042097	EF Branch Saddles	110x90		4018649		90
	4041241		110x110		4018651		110
	4041242		125x90		4018653		125
	4041243		125x110		4023511		160
	3040499		160x90				
	3039940		160x110				
	4041244		160x125				
	4041245		180x90				
	4041330		180x110				
	4047681		180x125				
 	4052769	EF Tapping Saddles	63x20		4024201	EF Accessories Tapping Saddle Key Key ST SW17	
	4024611		63x25				
	4024612		63x32		4020754	Adapters 90° pair d4.7	
	4042582		90x20				
	4039436		90x25				
	4024615		90x32				
	4047657		110x20				
	4039450		110x25				
	4024618		110x32				
	4052770		125x20				
	4039457		125x25				
	4024622		125x32				
	4042581		160x20				
	4039487		160x25				
	4024625		160x32				
	4048388		180x25				
4023655	180x32						
 	4040929	EF Flange Adaptors	63				
	4018681		90				
	4046407		110				
	4018683		125				
	4018685		160				
	3039503		180				
	4018295	EF Backing Rings (Steel PN16)	DN 50				
	4018297		DN 80				
	4018298		DN 100				
	4018299		DN 100				
	4018300		DN 150				
	4018301		DN 150				
			4018674				
4018638		25					
4018640		32					
4018644		50					
4018646		63					
		PF (with integral pipe fixation)					

Note 1: All Wavin Electrofusion Fittings have pin size of 4.0mm. For use with UK electrofusion machines, 4.7mm adaptors may be required-EF pins of EF LED adaptors.

Note 2: Wavin Electrofusion stub flanges are not supplied with backing rings/flanges. These items need to be ordered separately.

Class B and Eircom duct bends also available

Wavin Ducting

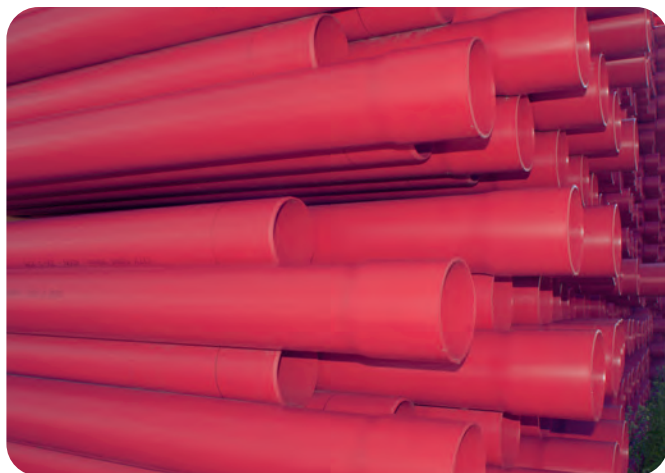
Pipes

	Product Code	SAP Code	Size / Description	Pipes per Frame
	M8505	3066540	Ducting Pipes Socketed* 60mm	132
	M8506	3066541	110mm	114
	M8511	3066543	160mm	46
	M8525	3066547	110mm Public Lighting Duct Red PVC	114

Fittings


	Product Code	SAP Code	Size / Description	Pack Qty
	M9001	3066671	Bends 90° Socketed 60mm	1
	M9007	3066675	110mm	1
	M9009	3066676	160mm	1
	M9010	3066677	Bends 45° Socketed 60mm	1
	M9005	3066674	110mm	1
	M9016	3066678	160mm	1
	M9003	3066673	Bends 22½° Socketed 110mm	1
	M9017	3066679	160mm	1
	M9002	3066672	Bends 11¼° Socketed 110mm	1
	M9018	3067017	160mm	1
	M9008	3066590	Straight Connectors 60mm	1
	M9020	3066804	110mm	1
	M9021	3066802	160mm	1

*Other speciality PVC-U ducting pipe such as Class 1, Class 2 ENATS, 450KN with a range of colour options, are available upon request.



Wavin ESB Ducting

Pipes

	Product Code	SAP Code	Size / Description	Pipes per Frame
	M1999 M2002	3066529 3066530	ESB PVC 125mm S/S 6m length 160mm S/S 6m length	77 46
	M1915 M1914	3066710 3066708	ESB Coils Plain Ended 50mm x 50m 50mm x 100m	1 1
	M1913	3066709	Straight Length Plain Ended Polyethylene Duct 50mm x 6m length	144

Fittings

	Product Code	SAP Code	Size / Description	Pack Qty
	M1926 M1901 M1921	3066670 3066866 3066665	ESB Bends 90° 44mm 125mm 160mm	1 1 1
	M1902 M1922	3066661 3066666	ESB Bends 45° 125mm 160mm	1 1
	M1903 M1923	3066662 3066667	ESB Bends 22½° 125mm 160mm	1 1
	M1904 M1924	3066663 3066668	ESB Bends 11¼° 125mm 160mm	1 1
	M1925	3066669	Hockey Stick 44mm	1
	M1935 M1906	3066739 3066664	PVC Connectors 50mm 125mm	- -
	M1908	3066867	PVC Repair Collar 125mm	-

Wavin ESB Meter Cupboards

	Product Code	SAP Code	Size / Description	Pack Qty
	Q0055	3066771	Meter Cupboard ESB Meter Cupboard	60
	Q0057	3066772	ESB Meter Cupboard Door	1
	Q0058	3066770	ESB Meter Cupboard Key	1

Above and Below ground systems

Contact Information

Customer Service

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Email: customerservice.ie@wavin.com

Technical Advice

Tel: +353 (0) 1802 0200

Email: projects.ie@wavin.com

Website

www.wavin.ie is the place to find overview of our ranges, individual item information, literature via our download centre, news, events via our knowledge centre and MyPortal (for BIM Revit packages and the Wavin AS+ Soundchecker tool).





Wavin is part of Orbia, a community of companies working together to tackle some of the world's most complex challenges. We are bound by a common purpose: To Advance Life Around the World.

Orbia's Building and Infrastructure business Wavin is an innovative solutions provider for the global building and infrastructure industry. Backed by more than 60 years of product development experience, Wavin is advancing life around the world by building healthy, sustainable environments for global citizens. Whether it's to improve the distribution of clean drinking water, to make sanitation accessible for everyone, to create climate resilient cities, or to design comfortable living spaces, Wavin collaborates with municipal leaders, engineers, contractors, and installers to help future-proof communities, buildings and homes. Wavin has 12,000+ employees around 65 production sites worldwide, serving over 80 countries through a global sales and distribution network.

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