

Wavin SiTech+

for low-noise
soil & waste drainage



Wavin SiTech+

System description

Wavin SiTech+ is a mineral reinforced polypropylene (PP) soil and waste system. The system offers increased robustness, low-noise properties and improved ease of installation.

We have increased the weight of the fittings by 20% for improved acoustic comfort during water flow. Its flexible connectivity and push-fit system makes SiTech+ a complete plug and play solution for waste water discharge in buildings.

Quality of living is an important consideration in building design. A reduction of noise in water discharge systems improves end-experience in both living and working environments. Wavin SiTech+ meets the latest construction requirements and fulfills customers' demand for increased comfort and quality.

Key system benefits



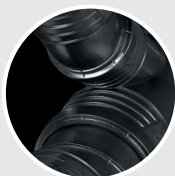
Less noise

20% heavier fittings set a new market standards in this segment. SiTech+ is a high performance system that reduces the acoustics of water flow.



Easier to install

Ribbed fittings provide enhanced grip for easy installation in complex environments. SiTech+ is perfect for any project, from small renovations to large-scale construction jobs.



Angular rotation guidance

Fittings have different markings at 15° and 45° intervals for easy alignment. SiTech+ makes it easy to align fittings which need to be positioned at a rotated angle.



Insertion depth check

Ribs on the spigots of the fittings checks complete insertion into the socket. These easily visible SiTech+ markings can also confirm the exact 10 mm space needed to cope with thermal expansions at long pipe lengths.



New black color

The new black color adds to the durability and robustness of SiTech+. The black color improves protection against UV radiation when stored outside at a building site. Furthermore the matte black finish is less sensitive to dirt and gives the system a professional appearance.

Application

Wavin SiTech+ meets all standards set for soil & waste discharge systems (EN 1451-1), including noise reduction and fire resistance (EN 13501-1). The emitted noise level of SiTech+ is measured by the Stuttgart Fraunhofer Physical Constructions Institute (DIN EN 14366).

Wavin SiTech+ is the ideal solution for installation in multi-storey building and those that are particularly sensitive to noise like apartment buildings, hotels, offices, hospitals, elderly homes and libraries.

Wavin SiTech+ can be used for water discharge at temperatures up to 90°C, with peaks of to 95°C for short periods. It can also be used at low temperatures up to -20°C. This durability makes it an ideal solution for extreme-temperature drainage areas such as kitchens, laundromats and industrial waste environments.

Please contact Wavin if you have any questions about particular application environments.

The system is offered in a full range of diameters:

- › 32 mm
- › 40 mm
- › 50 mm
- › 75 mm
- › 90 mm
- › 110 mm
- › 125 mm
- › 160 mm

Special fittings

The Wavin SiTech+ portfolio includes specialized fittings for easier and more efficient installation and use, particularly in areas where space is limited.

Shower branches provide an easy connection of both the toilet and shower to the down pipe.

Swept branches, as compared to sharp angle fittings, allow water to run more smoothly while reducing overall noise levels, improve the ventilation and increase the flow rate.

The new design of access pipes makes inspection easier.



Technical data

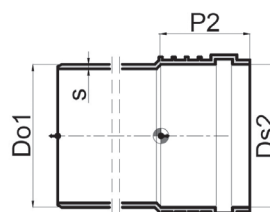
Wavin SiTech+

Wavin SiTech+ is an innovative soil and waste system with proven low noise technology.

Technical features:

- Optimized 3-layer pipe structure for reduced noise levels
- Mineral reinforced polypropylene (PP) material for high durability and heat-resistance
- Socketed connections and prefabricated elastomer gaskets (SBR) for fast, easy and secure installation

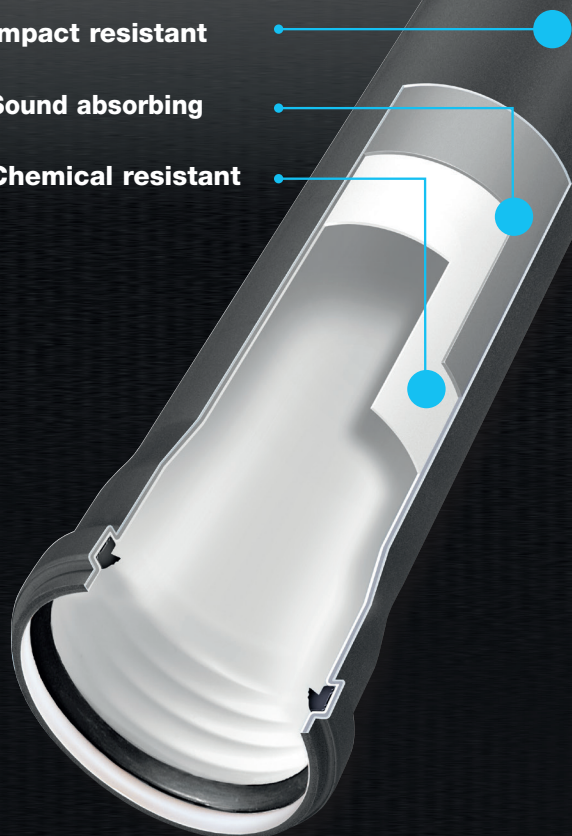
Diameter Do1=Ds2	Wall thickness s	Socket length P	Class Serie
32 mm	2.0 mm	43 mm	S16
40 mm	2.0 mm	45 mm	S16
50 mm	2.1 mm	47 mm	S16
75 mm	2.6 mm	53 mm	S14
90 mm	3.1 mm	57 mm	S14
110 mm	3.6 mm	64 mm	S16
125 mm	4.0 mm	71 mm	S16
160 mm	5.0 mm	76 mm	S16



Impact resistant

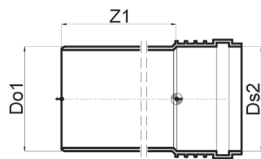
Sound absorbing

Chemical resistant



Characteristics	Reference Value	Norm
Internal tensions (150° C x 60')	≤ 2.0%	ISO 2505
Impact resistance (-20° C)	TIR ≤ 10%	EN 744
Fire behavior	B2 E	DIN 4102-1 DIN 13501-1
Density	Pipe 1.30 gr/cm ³ Fittings 1.50 gr/cm ³	UNI EN ISO 1183-1
OIT	≥ 10 min	EN 728
Operating temperature	90°C water discharge 95°C shortterm peak load	
Expansion linear	0.12 mm/m/K	ASTM D 696
Effects of heat (150° C x 60')	No delamination/ deformation	EN ISO 580
Water leakage	No leakage	EN 1053
Tightness	No leakage	EN 1054
Thermal cycle	No leakage	EN 1055
Ring stiffness	≥ 6 Kn/m ²	
Acoustic Level	<i>Fraunhofer results will be updated as soon as tests at the Insitute have been completed.</i>	Fraunhofertest Fraunhofertest

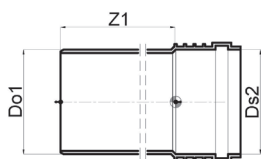
Wavin SiTech+ Product range



Pipe Single Socket

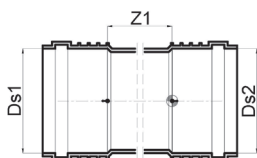
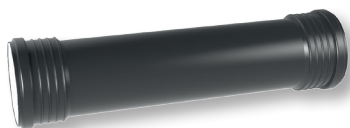
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8018464194663	3067456	32, L=0.25	32	250
8018464194670	3067457	32, L=0.5	32	500
8018464194687	3067458	32, L=1	32	1000
8018464194694	3067629	32, L=1.5	32	1500
8018464194700	3067630	32, L=2	32	2000
8018464194717	3067631	40, L=0.25	40	250
8018464194724	3067632	40, L=0.5	40	500
8018464194731	3067633	40, L=1	40	1000
8018464194748	3067634	40, L=1.5	40	1500
8018464194755	3067635	40, L=2	40	2000
8018464004269	3071125	50, L=0.15	50	1500
8018464194762	3067636	50, L=0.25	50	250
8018464194779	3067637	50, L=0.5	50	500
8018464194786	3067638	50, L=1	50	1000
8018464194793	3067639	50, L=1.5	50	1500
8018464194809	3067640	50, L=2	50	2000
8018464194816	3067641	50, L=3	50	3000
8018464194823	3067642	75, L=0.15	75	150
8018464194830	3067643	75, L=0.25	75	250
8018464194847	3067644	75, L=0.5	75	500
8018464194854	3067645	75, L=1	75	1000
8018464194861	3067646	75, L=1.5	75	1500
8018464194878	3067647	75, L=2	75	2000
8018464194885	3067648	75, L=3	75	3000
8018464194892	3067649	90, L=0.15	90	150
8018464194908	3067650	90, L=0.25	90	250
8018464194915	3067651	90, L=0.5	90	500
8018464194922	3067652	90, L=1	90	1000
8018464194939	3067653	90, L=1.5	90	1500
8018464194946	3067654	90, L=2	90	2000
8018464194953	3067655	90, L=3	90	3000
8018464194960	3067656	110, L=0.15	110	150
8018464194977	3067657	110, L=0.25	110	250
8018464194984	3067658	110, L=0.5	110	500
8018464194991	3067659	110, L=1	110	1000
8018464195004	3067660	110, L=1.5	110	1500
8018464195011	3067661	110, L=2	110	2000
8018464195028	3067662	110, L=3	110	3000

Wavin SiTech+ Product range



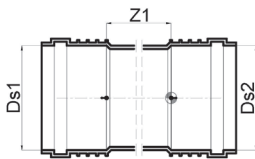
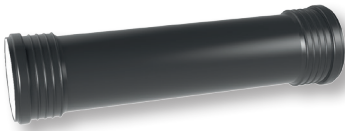
Pipe Single Socket (continued)

EAN Code	SAP Code	Dimensions mm	Do1=Ds2 mm	Z1 mm
8018464195035	3067663	125, L=0.25	125	250
8018464195042	3067664	125, L=0.5	125	500
8018464195059	3067665	125, L=1	125	1000
8018464195066	3067666	125, L=1.5	125	1500
8018464195073	3067667	125, L=2	125	2000
8018464195080	3067668	125, L=3	125	3000
8018464195097	3067669	160, L=0.25	160	250
8018464195103	3067670	160, L=0.5	160	500
8018464195110	3067671	160, L=1	160	1000
8018464195134	3067673	160, L=2	160	2000
8018464195141	3067674	160, L=3	160	3000



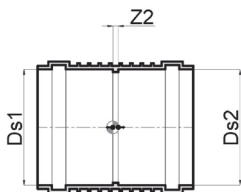
Pipe Double Socket

EAN Code	SAP Code	Dimensions mm	Ds1=Ds2 mm	Z1 mm
8018464195158	3067675	32, L=0.5	32	500
8018464195165	3067676	32, L=1	32	1000
8018464195172	3067677	32, L=2	32	2000
8018464195189	3067678	32, L=3	32	3000
8018464195196	3067679	40, L=0.5	40	500
8018464195202	3067680	40, L=1	40	1000
8018464195219	3067681	40, L=1.5	40	1500
8018464195226	3067682	40, L=2	40	2000
8018464195233	3067683	40, L=3	40	3000
8018464195240	3067684	50, L=0.5	50	500
8018464195257	3067685	50, L=1	50	1000
8018464195264	3067686	50, L=1.5	50	1500
8018464195271	3067687	50, L=2	50	2000
8018464195288	3067688	50, L=3	50	3000
8018464195295	3067689	75, L=0.5	75	500
8018464195301	3067690	75, L=1	75	1000
8018464195318	3067691	75, L=1.5	75	1500
8018464195325	3067692	75, L=2	75	2000
8018464195332	3067693	75, L=3	75	3000



Pipe Double Socket (continued)

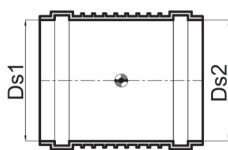
EAN Code	SAP Code	Dimensions mm	Ds1=Ds2 mm	Z1 mm
8018464195349	3067694	90, L=0.5	90	500
8018464195356	3067695	90, L=1	90	1000
8018464195363	3067696	90, L=1.5	90	1500
8018464195370	3067697	90, L=2	90	2000
8018464195387	3067698	90, L=3	90	3000
8018464195394	3067699	110, L=0.5	110	500
8018464195400	3067700	110, L=1	110	1000
8018464195417	3067701	110, L=1.5	110	1500
8018464195424	3067702	110, L=2	110	2000
8018464195431	3067703	110, L=3	110	3000
8018464195448	3067704	125, L=0.5	125	500
8018464195455	3067705	125, L=1.0	125	1000
8018464195462	3067706	125, L=1.5	125	1500
8018464195479	3067707	125, L=2	125	2000



Coupler

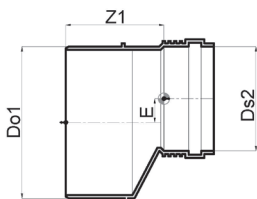
EAN Code	SAP Code	Dimensions mm	Ds1=Ds2 mm	Z2 mm
8018464196377	3067797	32	32	1
8018464196384	3067798	40	40	1
8018464196391	3067799	50	50	1
8018464196407	3067800	75	75	2
8018464196414	3067801	90	90	2
8018464196421	3067802	110	110	2
8018464196438	3067803	125	125	3
8018464196445	3067804	160	160	4

Wavin SiTech+ Product range



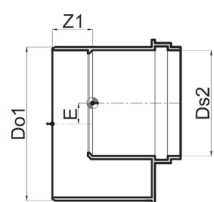
Repair Coupler

EAN Code	SAP Code	Dimensions mm	Ds1=Ds2 mm
8018464196308	3067790	40	40
8018464196315	3067791	50	50
8018464196322	3067792	75	75
8018464196339	3067793	90	90
8018464196346	3067794	110	110
8018464196353	3067795	125	125
8018464196360	3067796	160	160



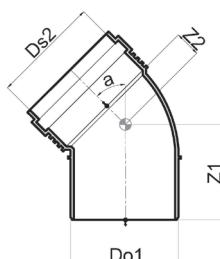
Long Eccentric Reducer

EAN Code	SAP Code	Dimensions mm	Do1 mm	Ds2 mm	Z1 mm	E mm
8018464196520	3067812	40-32	40	32	60	3
8018464196537	3067813	50-32	50	32	66	9
8018464196544	3067814	50-40	50	40	63	5
8018464196551	3067815	75-50	75	50	77	12
8018464196568	3067816	110-50	110	50	106	27
8018464196575	3067817	110-75	110	75	98	17
8018464196582	3067818	125-110	125	110	98	7
8018464196599	3067819	160-110	160	110	121	24
8018464196605	3067820	160-125	160	125	117	16



Short Eccentric Reducer

EAN Code	SAP Code	Dimensions mm	Do1 mm	Ds2 mm	Z1 mm	E mm
8018464196612	3067821	90-50	90	50	27	17
8018464196629	3067822	90-75	90	75	22	4
8018464196636	3067823	110-90	110	90	26	6



Bend

EAN Code	SAP Code	Dimensions mm	Do1=Do2 mm	Z1 mm	Z2 mm	a °
8018464195486	3067708	32 x 15°	32	49	8	15
8018464195561	3067716	32 x 30°	32	51	10	30
8018464195646	3067724	32 x 45°	32	54	13	45
8018464195721	3067732	32 x 67.5°	32	58	17	67.5
8018464195790	3067739	32 x 87.5°	32	62	21	87.5
8018464195493	3067709	40 x 15°	40	52	8	15
8018464195578	3067717	40 x 30°	40	55	11	30
8018464195653	3067725	40 x 45°	40	56	15	45
8018464195738	3067733	40 x 67.5°	40	63	20	67.5
8018464195806	3067740	40 x 87.5°	40	68	26	87.5
8018464195509	3067710	50 x 15°	50	55	9	15
8018464195585	3067718	50 x 30°	50	58	13	30
8018464195660	3067726	50 x 45°	50	65	17	45
8018464195745	3067734	50 x 67.5°	50	70	21	67.5
8018464195813	3067741	50 x 87.5°	50	78	31	87.5
8018464195516	3067711	75 x 15°	75	63	13	15
8018464195592	3067719	75 x 30°	75	68	18	30
8018464195677	3067727	75 x 45°	75	75	22	45
8018464195752	3067735	75 x 67.5°	75	84	34	67.5
8018464195820	3067742	75 x 87.5°	75	95	45	87.5
8018464195523	3067712	90 x 15°	90	69	15	15
8018464195608	3067720	90 x 30°	90	76	22	30
8018464195684	3067728	90 x 45°	90	85	26	45
8018464195769	3067736	90 x 67.5°	90	95	41	67.5
8018464195837	3067743	90 x 87.5°	90	108	54	87.5
8018464195530	3067713	110 x 15°	110	79	16	15
8018464195615	3067721	110 x 30°	110	88	24	30
8018464195691	3067729	110 x 45°	110	96	33	45
8018464195776	3067737	110 x 67.5°	110	108	47	67.5
8018464195844	3067744	110 x 87.5°	110	128	64	87.5
8018464195547	3067714	125 x 15°	125	88	20	15
8018464195622	3067722	125 x 30°	125	96	29	30
8018464195707	3067730	125 x 45°	125	105	38	45
8018464195783	3067738	125 x 67.5°	125	123	55	67.5
8018464195851	3067745	125 x 87.5°	125	141	74	87.5

Wavin SiTech+ Product range



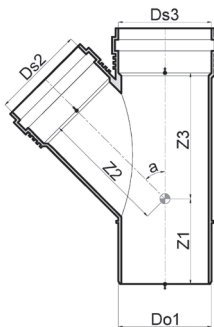
Bend (continued)

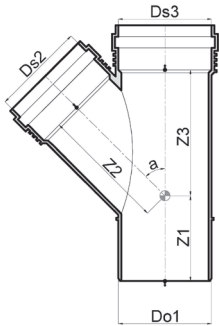
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8018464195554	3067715	160 x 15°	160	97	25	15
8018464195639	3067723	160 x 30°	160	109	36	30
8018464195714	3067731	160 x 45°	160	121	48	45
8018464195868	3067746	160 x 87.5°	160	166	94	87.5



Branch

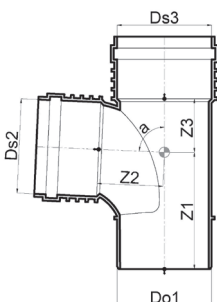
EAN Code	SAP Code	Dimensions mm	Do1=Ds3 mm	Ds2 mm	Z1 mm	Z2 mm	Z3 mm	a °
8018464195875	3067747	32-32 x 45°	32	32	54	42	42	45
8018464195882	3067748	40-32 x 45°	40	32	58	81	52	45
8018464195899	3067749	40-40 x 45°	40	40	58	52	52	45
8018464196124	3067772	40-40 x 87.5°	40	40	69	28	28	87.5
8018464195905	3067750	50-40 x 45°	50	40	55	59	57	45
8018464196131	3067773	50-40 x 87.5°	50	40	71	33	28	87.5
8018464195912	3067751	50-50 x 45°	50	50	64	71	71	45
8018464196063	3067766	50-50 x 67.5°	50	50	69	40	40	67.5
8018464196148	3067774	50-50 x 87.5°	50	50	82	35	36	87.5
8018464195929	3067752	75-50 x 45°	75	50	56	82	77	45
8018464196070	3067767	75-50 x 67.5°	75	50	70	55	46	67.5
8018464196155	3067775	75-50 x 87.5°	75	50	82	45	35	87.5
8018464195936	3067753	75-75 x 45°	75	75	74	96	96	45
8018464196162	3067776	75-75 x 87.5°	75	75	95	49	49	87.5
8018464195943	3067754	90-50 x 45°	90	50	56	106	96	45
8018464196179	3067777	90-50 x 87.5°	90	50	87	53	36	87.5
8018464195950	3067755	90-75 x 45°	90	75	77	141	121	45
8018464195967	3067756	90-90 x 45°	90	90	83	115	115	45
8018464196087	3067768	90-90 x 67.5°	90	90	94	70	70	67.5





Branch (continued)

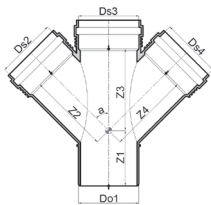
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8018464195974	3067757	110 -50 x 45°	110	50	63	105	93	45
8018464196094	3067769	110-50 x 67.5°	110	50	77	76	54	67.5
8018464196186	3067778	110-50 x 87.5°	110	50	96	63	37	87.5
8018464195981	3067758	110-75 x 45°	110	75	71	122	113	45
8018464196100	3067770	110-75 x 67.5°	110	75	101	147	96	67.5
8018464196193	3067779	110-75 x 87.5°	110	75	109	66	52	87.5
8018464195998	3067759	110-90 x 45°	110	90	82	129	124	45
8018464196001	3067760	110-110 x 45°	110	110	108	138	138	45
8018464196117	3067771	110-110 x 67.5°	110	110	110	87	87	67.5
8018464196018	3067761	125-75 x 45°	125	75	70	133	121	45
8018464196025	3067762	125-110 x 45°	125	110	95	149	146	45
8018464196209	3067780	125-110 x 87.5°	125	110	133	77	71	87.5
8018464196032	3067763	125-125 x 45°	125	125	106	156	156	45
8018464196216	3067781	125-125 x 87.5°	125	125	141	80	79	87.5
8018464196049	3067764	160-110 x 45°	160	110	82	175	164	45
8018464196223	3067782	160-110 x 87.5°	160	110	165	103	103	87.5
8018464196056	3067765	160-160 x 45°	160	160	120	200	200	45
8018464196230	3067783	160-160 x 87.5°	160	160	165	111	101	87.5



Swept Branch

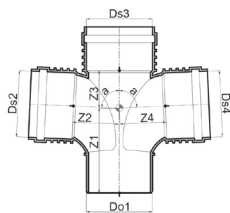
EAN Code	SAP Code	Dimensions mm	Do1=Ds3 mm	Ds2 mm	Z1 mm	Z2 mm	Z3 mm	a °
8018464196735	3067833	90-90 x 87.5°	90	90	126	74	52	87.5
8018464196742	3067834	110-90 x 87.5°	110	90	137	86	53	87.5
8018464196759	3067835	110-110 x 87.5°	110	110	144	79	64	87.5

Wavin SiTech+ Product range



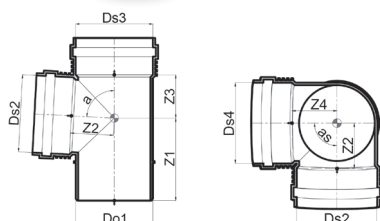
Double Branch

EAN Code	SAP Code	Dimensions mm	Do1=Ds3 mm	Ds2=Ds4 mm	Z1 mm	Z2=Z4 mm	Z3 mm	a °
8018464196728	3067832	75-50-50 x 87.5°	75	50	80	45	35	87.5
8018464196766	3067836	50-50-50 x 45°	90	50	56	106	96	45
8018464196773	3067837	110-50-50 x 45°	110	50	96	63	37	45



Double Swept Branch

EAN Code	SAP Code	Dimensions mm	Do1=Ds3 mm	Ds2=Ds4 mm	Z1 mm	Z2=Z4 mm	Z3 mm	a °
8018464196780	3067838	110-110-110 x 87.5°	110	110	144	79	64	87.5



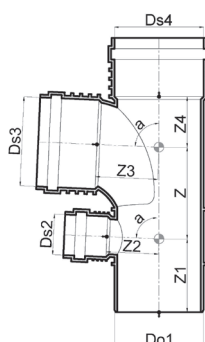
Corner Branch

EAN Code	SAP Code	Dimensions mm	Do1=Ds3 mm	Ds2=Ds4 mm	Z1 mm	Z2=Z4 mm	Z3 mm	a °	as °
8018464196711	3067831	110-50-50 x 87.5°	110	50	96	63	37	87.5	90



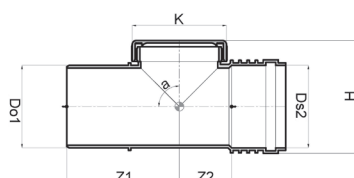
Shower Branch

EAN Code	SAP Code	Dimensions mm	Do1=Ds3 =Ds4 mm	Ds2 mm	Z mm	Z1 mm	Z2 mm	Z3 mm	Z4 mm	a °
8018464202054	3071186	90-90-50 x 87.5°	90	50	91	96	53	74	52	87.5
8018464202061	3071187	110-110-50 x 87.5°	110	50	111	96	63	79	64	87.5



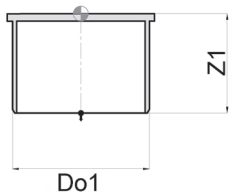
Access piece

EAN Code	SAP Code	Dimensions mm	Do1 mm	Z1 mm	Ds2 mm	Z2 mm	H mm	K mm	a °
8018464196247	3067784	50	50	83	50	36	80	65	90
8018464196254	3067785	75	75	102	75	50	111	93	90
8018464196261	3067786	90	90	118	90	60	132	110	90
8018464196278	3067787	110	110	135	110	72	155	128	90
8018464196285	3067788	125	125	142	125	74	162	146	90
8018464196292	3067789	160	160	200	160	121	236	141	90



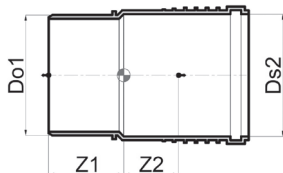
Wavin SiTech+ Product range

End Cap

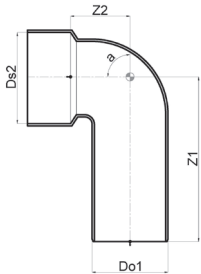


EAN Code	SAP Code	Dimensions mm	Do1 mm	Z1 mm
8018464196643	3067824	40	40	32
8018464196650	3067825	50	50	36
8018464196667	3067826	75	75	35
8018464196674	3067827	90	90	37
8018464196681	3067828	110	110	39
8018464196698	3067829	125	125	49
8018464196704	3067830	160	160	55

Expansion socket



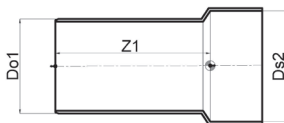
EAN Code	SAP Code	Dimensions mm	Do1=Ds2 mm	Z1 mm	Z2 mm
8018464196452	3067805	40	40	50	53
8018464196469	3067806	50	50	52	56
8018464196476	3067807	75	75	59	64
8018464196483	3067808	90	90	63	70
8018464196490	3067809	110	110	152	79
8018464196506	3067810	125	125	171	91
8018464196513	3067811	160	160	187	99



Trap Bend

EAN Code	SAP Code	Dimensions mm	Do1 mm	Ds2* mm	Z1 mm	Z2 mm	a °
8018464196810	3067841	32	32	46	70	24	90
8018464196827	3067842	40	40	46	79	30	90
8018464196797	3067839	long 40	40	46	125	30	90
8018464196803	3067840	50	50	53	79	35	90

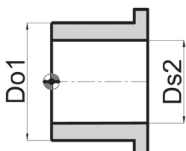
* Add separate rubber transition reducer



Trap Connector

EAN Code	SAP Code	Dimensions mm	Do1 mm	Ds2* mm	Z1 mm
8018464196834	3067843	32	32	46	52
8018464196841	3067844	40	40	46	54
8018464196858	3067845	50	50	53	55

* Add separate rubber transition reducer



Transition Reducer Rubber

EAN Code	SAP Code	Dimensions mm / inches	Do1 mm	Ds2 inches
8018464004481	4026398	46 - 1"	46	1"
8018464004498	4026399	46 - 1¼"	46	1¼"
8018464004504	4009859	46 - 1"/1¼"	46	1"/1¼"
8018464004511	4009860	46 - 1½"	46	1½"
8018464004528	4024657	53 - 1"/1¼"	53	1"/1¼"
8018464004535	4024658	53 - 1½"	53	1½"

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