



CONNECT TO BETTER

Product Guide

Wavin SiTech+

for low noise
soil & waste drainage



Wavin SiTech+

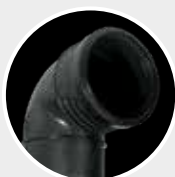
System description

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.

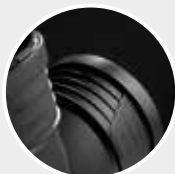
Quality of living is an important consideration in building design. A reduction of noise in water discharge systems improves end-experience in both living and working environments. Wavin SiTech+ meets the latest construction requirements and fulfills customers' demand for increased comfort and quality.

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.



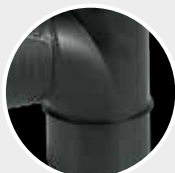
Easier to install

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.



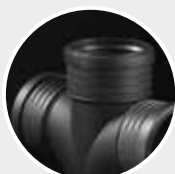
Angular rotation guidance

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.

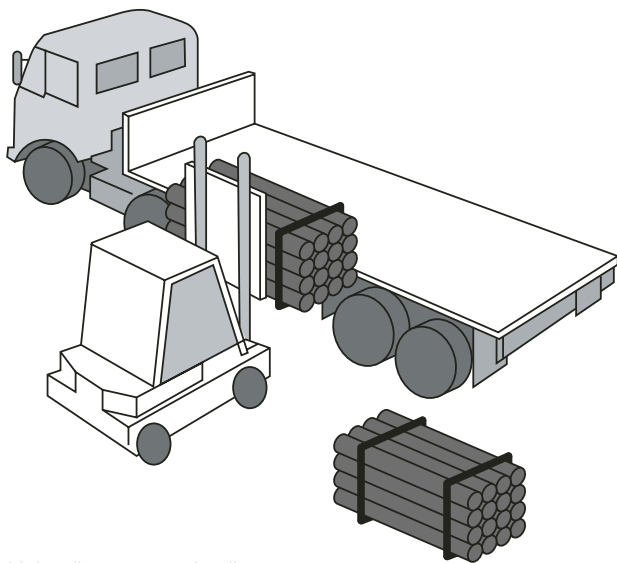
The new design of access pipes makes inspection easier.



Installation

Handling

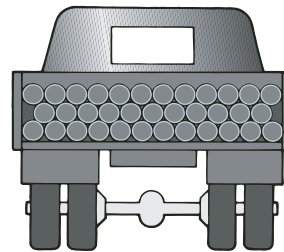
- Handle pipes and fittings with care. Excessive scratching or impact stress on the pipe may damage the external structure or affect the seal properties.
- Loose pipes need to be unloaded by hand. When pipes are inserted one inside the other, always remove the inside pipe first.
- When bundles of pipes are unloaded by fork truck, we recommend the wrap nylon sheaths around metal forks or use plastic forks. Metal forks, hooks and chains may not come in contact with the pipes. Do not use forks with an extension.
- If the loading or unloading is carried out with a crane and excavator arms, the pipes must be raised in the central area with a sling of adequate width.



Unloading strapped pallets.

Transport

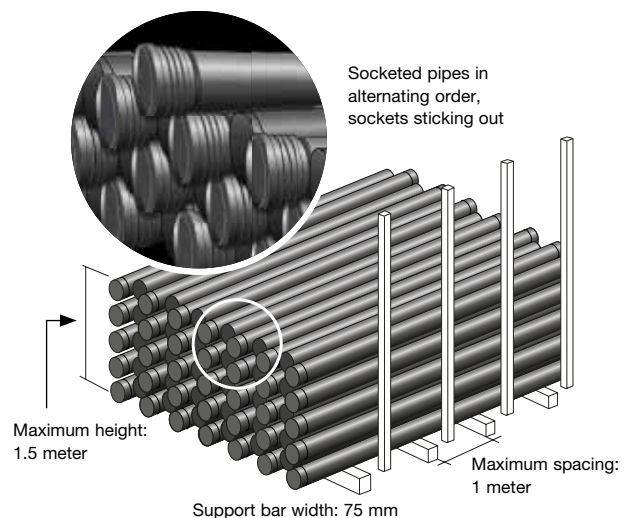
- Wavin SiTech+ pipes, when no longer packed in original packaging, must be stored fully supported over their total length on a c/cCode surface during transport.
- Bending of the pipes should be avoided.
- Impact stress on pipe and fittings must be prevented.



Transport of loose Wavin pipes.

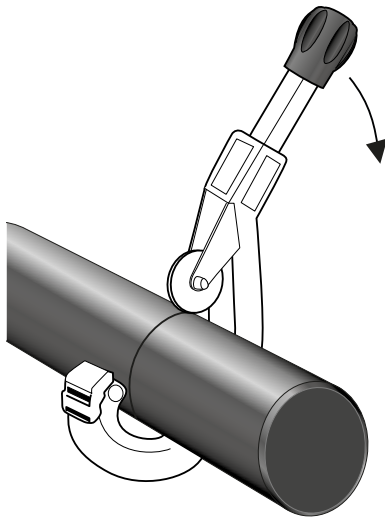
Storage

- Always store pipes on a flat surface.
- Pallets must be stored at a maximum height of 1.5 m without additional supports or side barriers.
- Loose pipes:
 - must have at least 2 side supports equally spread over the pipe length,
 - maximum height of storing loose pipes is 1.5 m.,
 - the ideal situation is to support the loose pipes along their whole length. If this is not possible, place wooden supports of at least 75 mm wide under the pipe at a distance of maximum 1 m.,
 - stack the different sizes of pipes separately or, if this is not possible, stack them with the largest diameters on the bottom,
 - socketed pipes should be stacked in an alternating order to secure support over the full pipe length (see picture).
- Fittings are supplied in carton boxes and must be stored indoors. Deformation resulting from excessive loads on the fittings should always be avoided.
- Store lubricant in a cool place, away from heat sources or direct sunlight.

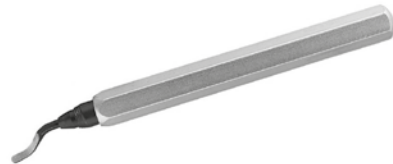


Cutting pipes

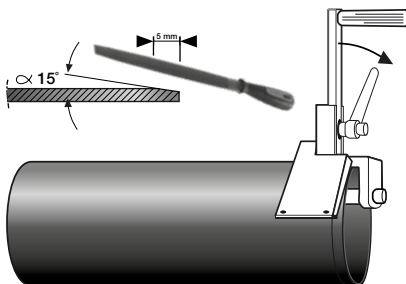
1. Cut the pipe cleanly at a right angles to its axis. Whenever possible, use a pipe cutter.



2. De-burr the cut end with a scraper.

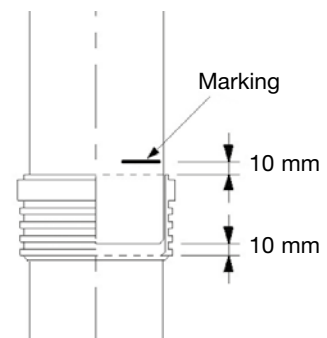
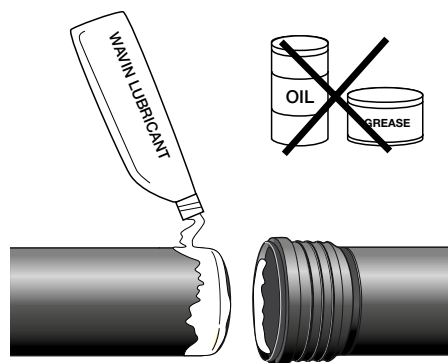


3. Chamfer the pipe end 5 mm over the length of the pipe, at 15°.



Ring seal / push-fit jointing

1. Cut the pipe at the end of the right length using the cm marking on the pipe. Ensure the pipe cut is chamfered.
2. Check that the sealing ring is properly seated in the seal groove of the fitting or pipe.
3. Ensure all components to be joined are dry, clean and free from dirt or dust. Ensure that there are no deep scratches on the pipe or fitting spigot as these may prevent the sealing ring from forming a watertight seal.
4. Lubricate evenly around the pipe or fitting spigot using Wavin lubricant. Do not use oils or greases.
5. Correctly align the components to be joined.
6. Push the pipe or fitting spigot fully into the socket. When inserting a pipe length of 2 metres or more, mark the pipe spigot at the socket face and then withdraw it by 10 mm to allow for thermal expansion.
7. Make a subsequent check to ensure that the expansion gap is not lost during further installation work.



Installation

Bracket Fixing Instructions

Fixed Bracket

The fixed bracket creates a fixed point in the pipe system. The pipe or fitting cannot be moved through the bracket after the screws are tightened (no longitudinal movement is possible).

In order to prevent the vertical stack sliding down, each pipe section between floors must be secured by a fixed bracket. Every horizontally installed pipe length should always be fixed with one fixed bracket. All remaining pipe brackets (vertical and horizontal installation) must be sliding brackets. Taking the prescribed bracket distances into consideration. Use sound absorbing brackets, dimensionally compatible to the pipe diameter. Screw-pipe brackets with rubber inserts are recommended, which are fixed to the wall by screws and plastic plugs.

Sliding Bracket

By using sliding brackets, the pipe can still expand and contract due to temperature changes after the screws are tightened. This make sure longitudinal movement is still possible once installed.

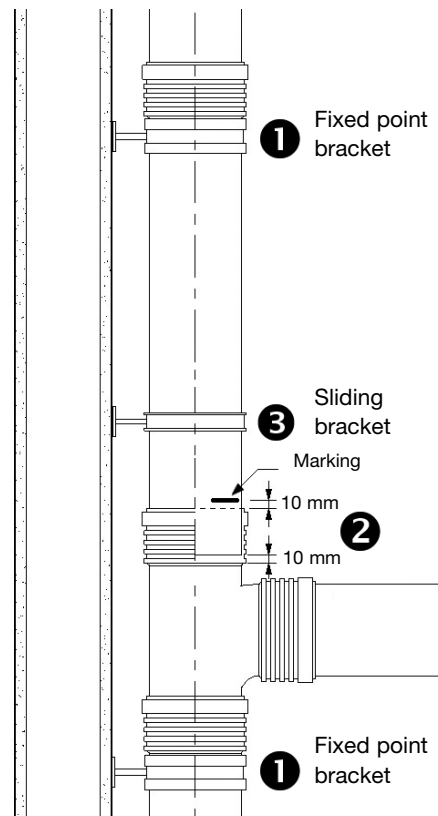
Pipe supports

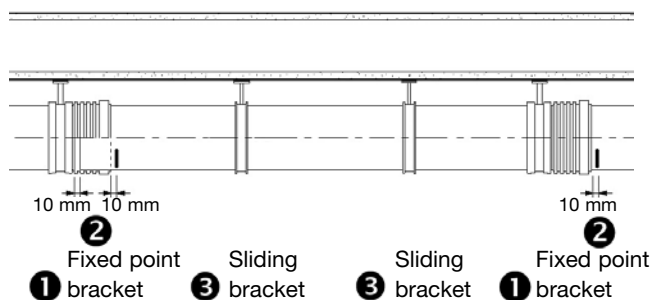
During installation of Wavin Sitech+ pipes, the following should be considered:

- Use only rubber lined pipe clamps to minimise structure borne sound
- Pipes should be supported at the following maximum distances:

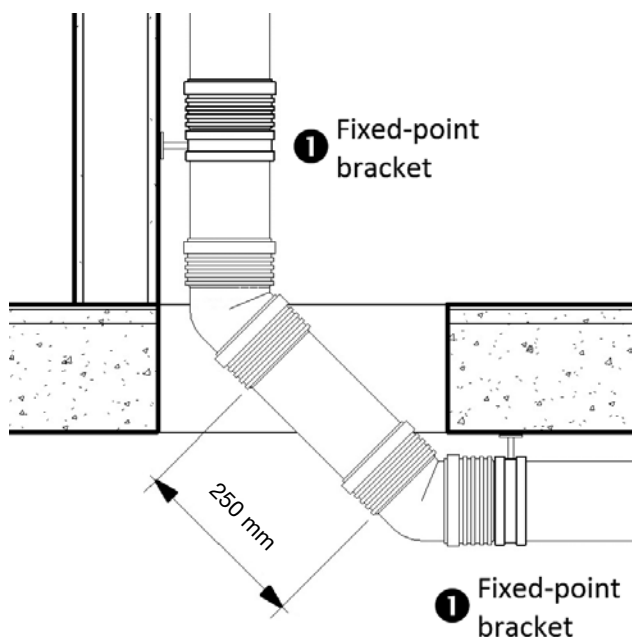
OD [mm]	Maximum supporting distances	
	Vertical [m]	Horizontal [m]
32	1.50	0.50
40	1.50	0.60
50	1.50	0.75
75	2.00	1.10
90	2.00	1.35
110	2.00	1.65
125	2.00	1.85
160	2.00	2.40

- Ensure the pipe system is installed free of tension.
- Fixed-point brackets prevent pipe movement after the screws are tightened. After tightening the screws of a sliding bracket, the pipe can still be moved through the bracket.
- For every pipe of length of 2 meter or more, place a fixed-point bracket directly next to the socket, as shown at point "1"
- For vertical pipes, the fixed-point bracket always needs to be installed at the top side of the pipe underneath the socket. Ensure that the expansion gap of 10 mm at the spigot end "2" is not lost during placement of the fixed-point bracket.
- Next to each fitting, or groups of fittings, always a fixed-point bracket should be installed.
- Any additional pipe brackets, both for vertical as well as horizontal pipes, must be fitted as a sliding bracket "3" to allow for linear expansion due to changes in temperature.
- If there is an option to fix the bracket to different walls, always take the wall with the highest mass.
- Sections of piping with fittings or short pipes must be secured with pipe brackets at intervals short enough to ensure that they cannot slide apart.



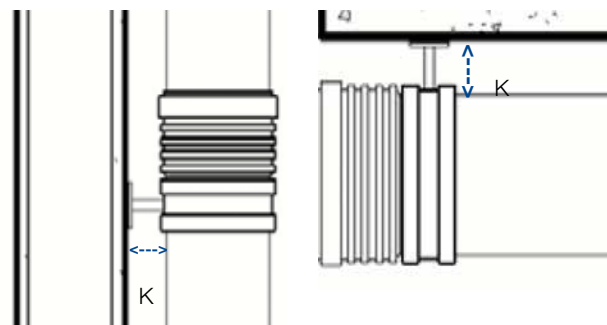


- Never use a 90° bend when connecting a vertical soil stack to a horizontal pipe, always use two 45° bends.
- In buildings with more than three storeys, (>10-meter soil stack) install a 250 mm pipe between the two 45° bends, when space allows. This 250 mm straight area in the bend will reduce the noise created by the water flowing from the soil stack to the horizontal collector pipe.
- Secure a proper fixation of this part by using two fixed point brackets "1", one fixed to a short piece of pipe fixing in the vertical plane and one fixed point bracket as close as possible to the socket of the first horizontal pipe.



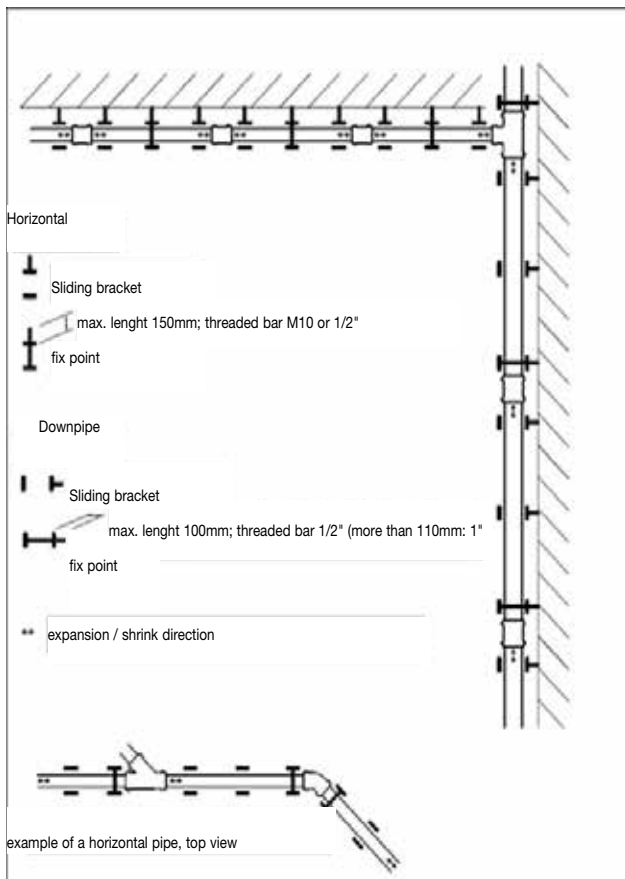
Max length of threaded rod

Threaded rods are commonly used for suspension and fixing pipe clamps/brackets. Important to keep in mind is that threaded rods are designed to be used in tension and not typical for bending forces, therefore the length of the threaded rods have predefined maximum lengths. The total maximum length of the threaded rod depends on the strength class. If the strength class is unknown, the lowest strength class of 4.6 should be used. If the strength class is known, the maximum length of the threaded rod can be retrieved from table.



D (mm)	F (N)	4.6		8.8		1/2"	1"
		M10	M12	M10	M12		
40-63	164	K=< 75 mm	K=< 125 mm	K=< 200 mm	K=< 300 mm	K=< 800 mm	K=< 1000 mm
75-110	360	X	X	K=< 50 mm	K=< 100 mm	K=< 250 mm	K=< 800 mm
125-160	1005	X	X	X	X	K=< 125 mm	K=< 400 mm

D (mm)	F (N)	8.8			
		M10	M12	1/2"	1"
40-63	156	K=< 200 mm	K=< 300 mm	K=< 800 mm	K=< 1000 mm
75-110	475	K=< 50 mm	K=< 100 mm	K=< 250 mm	K=< 800 mm
125-160	1005	X	X	K=< 125 mm	K=< 400 mm

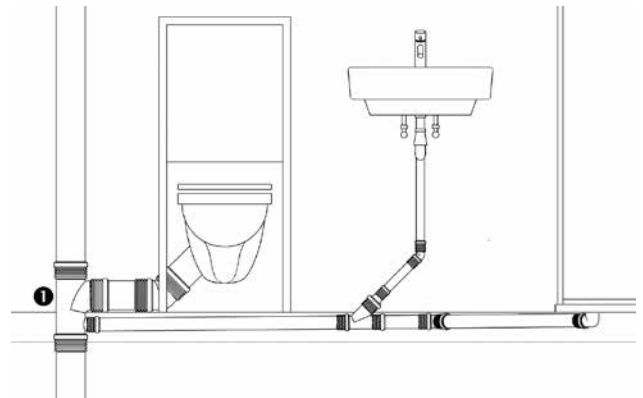


Floor and ceilings crossings

- ⤵ Floor and ceiling crossings must be made both moisture resistant and soundproof using e.g. mineral wool or foam material.

Shower branch

- ⤵ For an economic and easy installation of a toilet and waste pipes separately to the soil stack you can use a Shower branch (1).



Fire collars

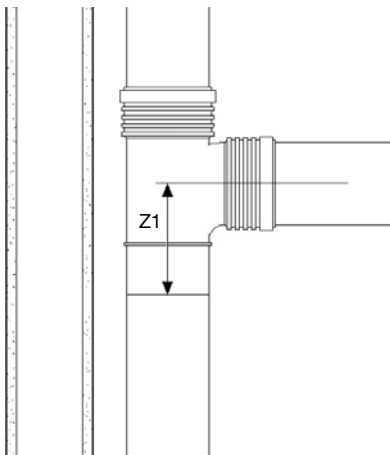
OC's to write own text depending on local range of fire collars and local fire regulations.

Installation

Repairs using repair couplers

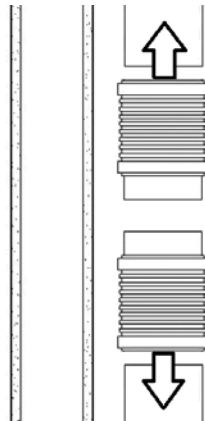
If a pipe section needs to be replaced or a Tee piece needs to be added to the pipe system, please follow the following procedure.

1. Cut out the part which needs to be replaced. When inserting a Tee piece at a later stage, please secure that the level of the branch is located at the right height. The Z1 value is mentioned for each Tee piece in the product overview.

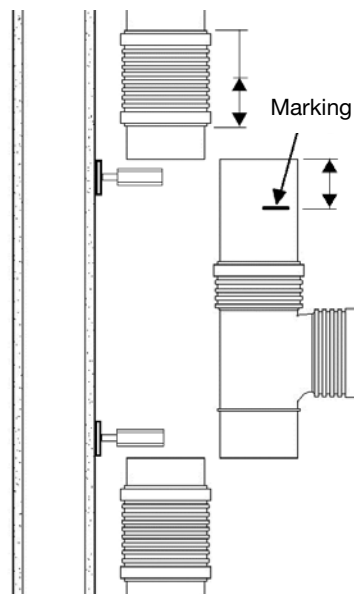


2. Install a short piece of temporary pipe halfway onto the repair coupler to secure a correct positioning of the rubber seal.

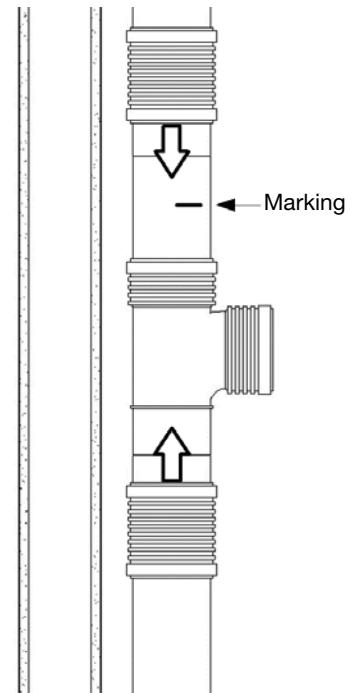
3. Install the free half of the coupler onto the existing pipe and slide the repair coupler completely over the existing pipe.



4. Secure that the pipe (or pipe and Tee piece) has the same length as the part which has been cut out.
5. Measure half of the repair coupler length. Measure the same length from the new pipe ends and mark the pipe.

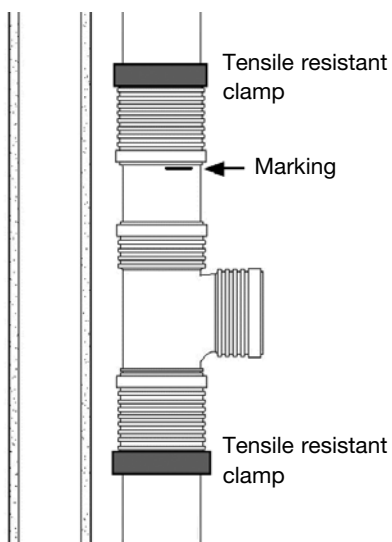
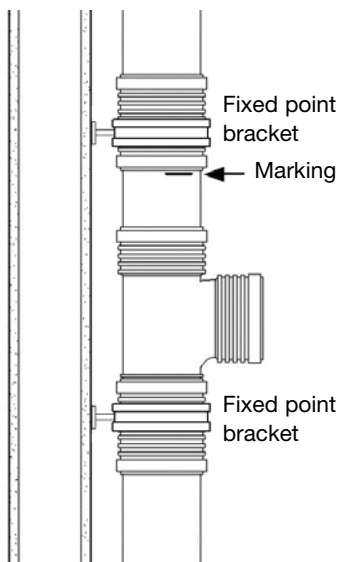


6. Install as close as possible to the two pipe ends wall plates for the fixed-point brackets and mount the threaded rod and back part of the brackets. When fixating the repair couplers with tensile resistant clamps this step can be skipped.
7. Install a tensile resistant clamp on each repair coupler to ensure no movement.



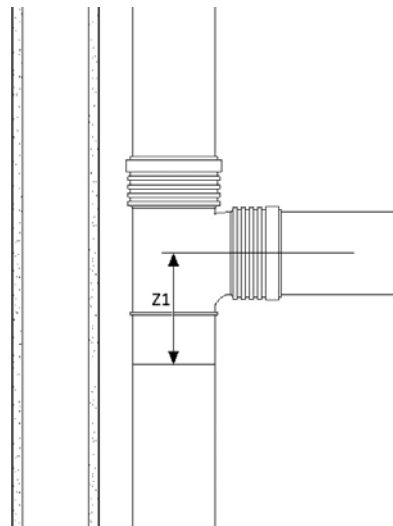
Installation

- Finalise the installation of the fixed-point brackets or install a tensile resistant clamp on each repair coupler to ensure no movement.

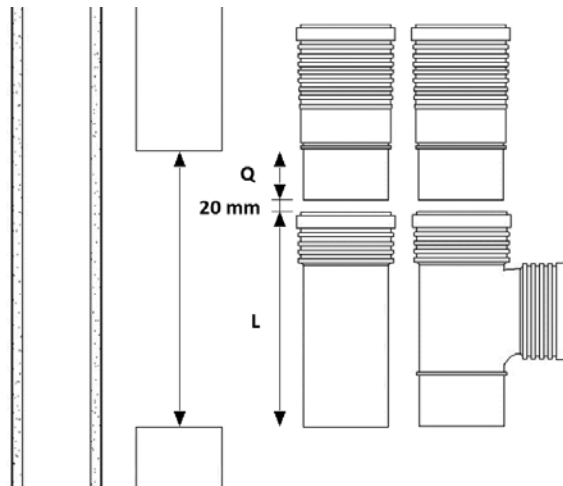


Repairs using a long socket and repair coupler

- When inserting a Tee piece at a later stage, please secure that the level of the branch is located at the right height. The Z1 value is mentioned for each Tee piece in the product overview.

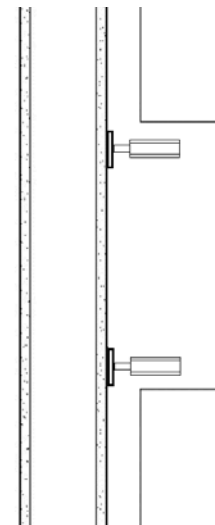


- When inserting a Tee piece, the length of the part to be cut out should have the length of the Tee piece (L) + 20 mm + the length of the spigot of the long socket (Q).

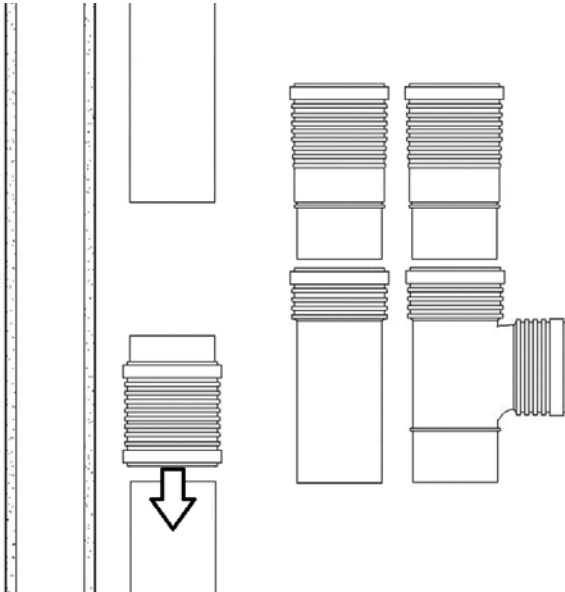


When replacing a piece of pipe, secure that the total length of the new socketed pipe (L) equals the length of the part cut out minus the length of the spigot of the Tee piece (Q) minus 20 mm.

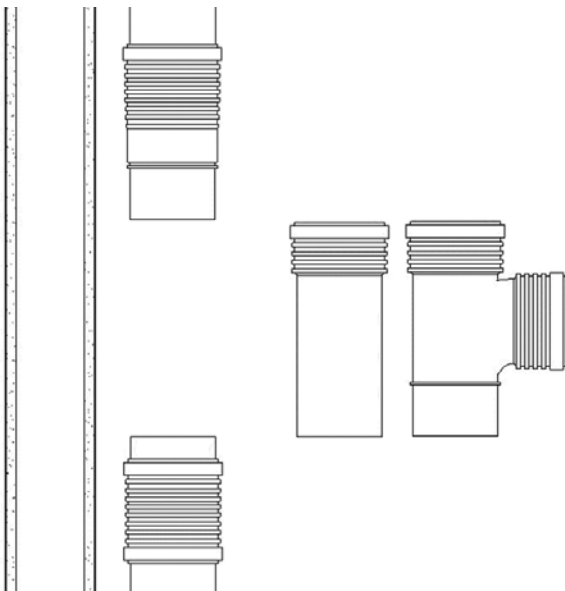
- Install close to the two pipe ends wall plates for the fixed-point brackets and mount the threaded rod and back part of the brackets. When fixating the repair couplers with tensile resistant clamps this step can be skipped.



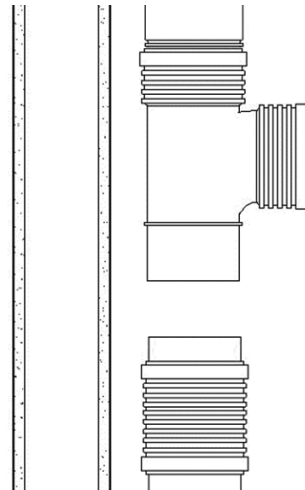
4. Install a short piece of temporary pipe halfway onto the repair coupler to secure a correct positioning of the rubber seal.
5. Install the free half of the coupler onto the existing pipe and slide the repair coupler completely over the existing pipe.



6. Slide the long socket over the other pipe end.



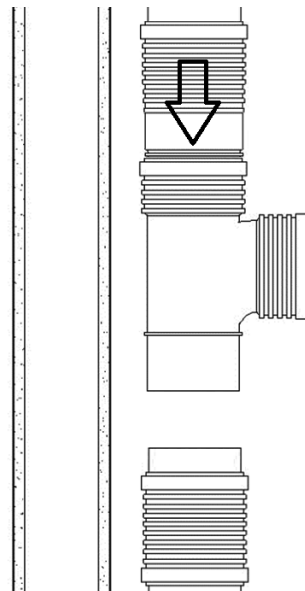
7. Push the socketed of the Tee piece or pipe on to the long socket.



8. Push the long socket with the Tee piece or pipe till the two pipe ends meet.

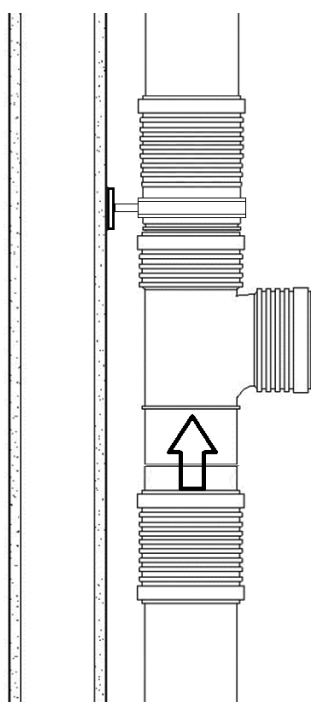
9. Finalise the installation of the fixed-point brackets or install a tensile resistant clamp on the long socket to ensure no movement.

10. If a pipe is inserted, measure half of the repair coupler length. Measure the same length from the new pipe end and mark the pipe.

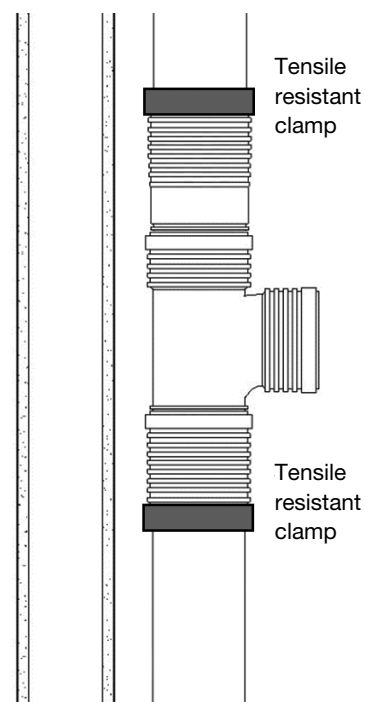
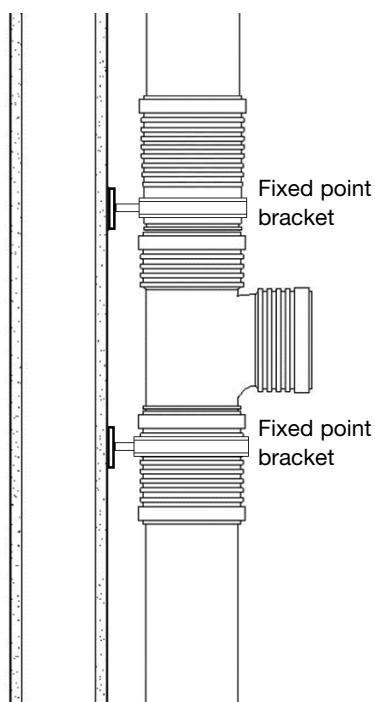


Installation

11. Slide the repair coupler over the spigot end of the Tee piece or to the marking on the pipe.



12. Finalise the installation of the fixed-point bracket or install a tensile resistant clamp on the repair socket to ensure no movement.



RANGE

Wavin Sitech+ offers a complete range of pipes and fittings in PP-MD, from 32 mm to 160 mm.

Diameter	Thickness	Socket Length	Class
mm	mm	mm	
32	1,8-2,2	43	S16
40	1,8-2,2	45	S16
50	1,8-2,2	47	S16
75	2,6-3,1	53	S14
90	3,1-3,7	57	S14
110	3,4-4,0	64	S16
125	3,9-4,5	71	S16
160	4,9-5,6	76	S16

TECHNICAL SPECIFICATIONS

Pipe structure

Co-extruded 3 layers pipe.

PP mineral filled for more strength and durability, even resistant at low temperatures.

Connections

Push-fit SBR rubber system, to obtain fast, safe and reliable installation..

Fire behavior

Class C-s2, d0 according to EN13501-1.

Density

Pipe 1,30 gr/cm³; Fitting 1,50 gr/cm³.

Working Temperature

90°C continuous temperature; 95°C peak temperature.

Expansion coefficient

≈ 0,12 mm/m/K.

Impact Test

-20°C according to EN744.

Ring Stiffness

≥ 6 Kn/m².

Conformity certification

PIIP (n°1866 - 1867 - 1868)

DIBT (n° Z-42.1-539)

ITB (n° AT-15-7703).

Acoustic performance (report n° P-BA 24_1/2016)

12 dB(A) Ref. 2.0 l/s (according to the new test procedure valid from January 2014 at Fraunhofer Institute).

APPLICATIONS

Wavin Sitech+ is the ideal solution for both residential and non-residential buildings, where customer put more attention to low-noise properties (hotels, offices, hospitals). Thanks to the mineral filled, the system can be even be installed till -20°C air temperature.

CERTIFICATIONS

Wavin Sitech+ meets the requirements of EN1451-1, application EN12056-2, fire behavior EN13501, and noise protection according to the Italian Standard D.P.C.M. 05.12.1997. The low noise performance has been measured at the Fraunhofer Institute in Stuttgart, according to the EN 14366. Company meets quality requirements according to ISO 9001, and environmental requirements according to ISO 14001.

ADVANTAGES

More weight - 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

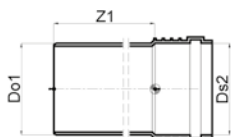
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Insertion depth check

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.

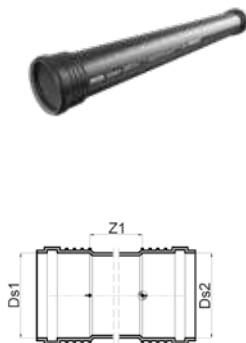


SiTech+ Pipe STEM S/PL

Code	Do1=Ds2	Z1	Pallet	Pack.
260 102	32	250	1280	10
260 103	32	500	1440	30
260 105	32	1.000	720	30
260 107	32	1.500	720	30
260 109	32	2.000	720	30
260 122	40	250	960	20
260 123	40	500	1200	30
260 125	40	1.000	600	30
260 127	40	1.500	600	30
260 129	40	2.000	600	30
260 141	50	150	960	20
260 142	50	250	640	20
260 143	50	500	720	30
260 145	50	1.000	360	30
260 147	50	1.500	360	30
260 149	50	2.000	360	30
260 151	50	3.000	360	30
260 201	75	150	480	20
260 202	75	250	320	20
260 203	75	500	360	20
260 205	75	1.000	180	20
260 207	75	1.500	180	20
260 209	75	2.000	180	20
260 211	75	3.000	180	20
260 221	90	150	320	20
260 222	90	250	240	20
260 223	90	500	240	8
260 225	90	1.000	120	8
260 227	90	1.500	120	8
260 229	90	2.000	120	8
260 231	90	3.000	120	8
260 241	110	150	320	20
260 242	110	250	160	20
260 243	110	500	160	4
260 245	110	1.000	80	4
260 247	110	1.500	80	4
260 249	110	2.000	80	4
260 251	110	3.000	80	4
265 262	125	250	80	10
265 263	125	500	128	4
265 265	125	1.000	64	4
265 267	125	1.500	64	4
265 269	125	2.000	64	4
265 271	125	3.000	64	4

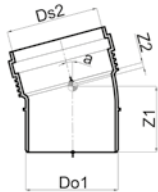
SiTech+ Pipe STEM S/PL

Code	Do1=Ds2	Z1	Pallet	Pack.
265 282	160	250	60	5
265 283	160	500	72	4
265 285	160	1.000	36	4
265 289	160	2.000	36	4
265 291	160	3.000	36	4



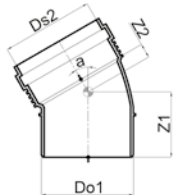
SiTech+ Pipe STDM S/S

Code	Ds1=Ds2	Z1	Pallet	Pack.
260 303	32	500	1440	30
260 305	32	1.000	720	30
260 309	32	2.000	720	30
260 311	32	3.000	720	30
260 323	40	500	1200	30
260 325	40	1.000	600	30
260 327	40	1.500	600	30
260 329	40	2.000	600	30
260 331	40	3.000	600	30
260 343	50	500	720	30
260 345	50	1.000	360	30
260 347	50	1.500	360	30
260 349	50	2.000	360	30
260 351	50	3.000	360	30
260 403	75	500	360	20
260 405	75	1.000	180	20
260 407	75	1.500	180	20
260 409	75	2.000	180	20
260 411	75	3.000	180	20
260 423	90	500	240	8
260 425	90	1.000	120	8
260 427	90	1.500	120	8
260 429	90	2.000	120	8
260 431	90	3.000	120	8
260 443	110	500	160	4
260 445	110	1.000	80	4
260 447	110	1.500	80	4
260 449	110	2.000	80	4
260 451	110	3.000	80	4
265 463	125	500	128	4
265 465	125	1.000	64	4
265 469	125	2.000	64	4



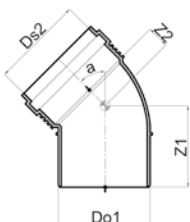
SiTech+ Bend STB 15°

Code	Do1=Do2	Z1	Z2	Pallet	Pack.
261 221	32	49	8	2560	20
261 231	40	52	8	1600	20
261 251	50	55	9	1280	20
261 281	75	63	13	480	20
261 291	90	69	15	320	20
261 301	110	79	16	240	20
261 311	125	88	20	160	20
261 321	160	97	25	80	10



SiTech+ Bend STB 30°

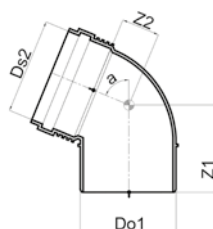
Code	Do1=Do2	Z1	Z2	Pallet	Pack.
261 223	32	51	10	2560	20
261 233	40	55	11	1600	20
261 253	50	58	13	1280	20
261 283	75	68	18	480	20
261 293	90	76	22	320	20
261 303	110	88	24	240	20
261 313	125	96	29	160	20
261 323	160	109	36	80	10



SiTech+ Bend STB 45°

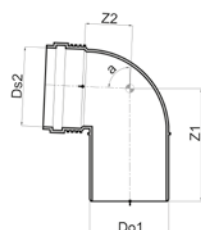
Code	Do1=Do2	Z1	Z2	Pallet	Pack.
261 224	32	54	13	2560	20
261 234	40	56	15	1600	20
261 254	50	65	17	1280	20
261 284	75	75	22	480	20
261 294	90	85	26	320	20
261 304	110	96	33	240	20
261 314	125	105	38	160	20
261 324	160	121	48	80	10

SiTech+ Bend STB 67,5°

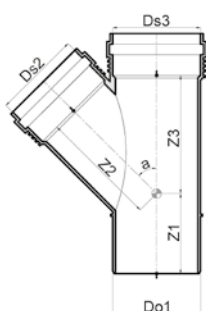


Code	Do1=Ds2	Z1	Z2	Pallet	Pack.
261 226	32	58	17	2560	20
261 236	40	63	20	1600	20
261 256	50	70	21	960	20
261 286	75	84	34	480	20
261 296	90	95	41	320	20
261 306	110	108	47	160	20
261 316	125	123	55	160	20

SiTech+ Bend STB 87,5°

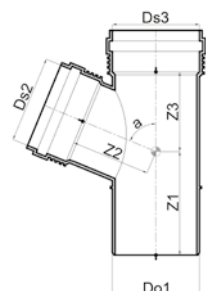


Code	Do1=Ds2	Z1	Z2	Pallet	Pack.
261 228	32	62	21	2560	20
261 238	40	68	26	1600	20
261 258	50	78	31	960	20
261 288	75	95	45	320	20
261 298	90	108	54	320	20
261 308	110	128	64	160	20
261 318	125	141	74	120	20
261 328	160	166	94	60	10



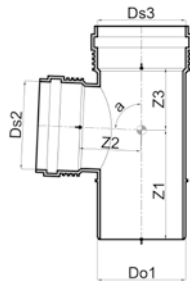
SiTech+ Branch STEA 45°

Code	Do1=Ds3/Ds2	Z1	Z2	Z3	Pallet	Pack.
262 005	32/32	54	42	42	1280	10
262 008	40/32	58	81	52	800	10
262 009	40/40	58	52	52	800	10
262 016	50/40	55	59	57	640	10
262 018	50/50	64	71	71	640	10
262 031	75/50	56	82	77	320	10
262 034	75/75	74	96	96	240	10
262 035	90/40	46	95	86	240	10
262 036	90/50	56	106	96	240	10
262 038	90/75	77	141	121	160	10
262 040	90/90	83	115	115	160	10
262 042	110/40	52	95	85	160	10
262 043	110/50	63	105	93	160	10
262 046	110/75	71	122	113	120	10
262 047	110/90	82	129	124	80	10
262 048	110/110	108	138	138	80	10
262 053	125/75	70	133	121	80	10
262 055	125/110	95	149	146	80	10
262 056	125/125	106	156	156	60	10
262 071	160/110	82	175	164	40	5
262 074	160/160	120	200	200	30	5



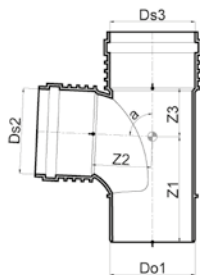
SiTech+ Branch STEA 67,5°

Code	Do1=Ds3/Ds2	Z1	Z2	Z3	Pallet	Pack.
262 140	90/90	94	70	70	160	10
262 148	110/110	110	87	87	80	10



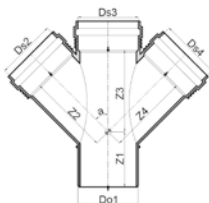
SiTech+ Branch STEA 87,5°

Code	Do1=Ds3/Ds2	Z1	Z2	Z3	Pallet	Pack.
262 209	40/40	69	28	28	800	10
262 216	50/40	71	33	28	800	10
262 218	50/50	82	35	36	640	10
262 231	75/50	82	45	35	320	10
262 234	75/75	95	49	49	320	10
262 237	90/50	87	53	36	240	10
262 243	110/50	96	63	37	160	10
262 246	110/75	135	66	52	120	10
262 255	125/110	133	77	71	80	10
262 256	125/125	141	80	79	80	10
262 271	160/110	165	103	103	40	5
262 274	160/160	165	111	101	40	5



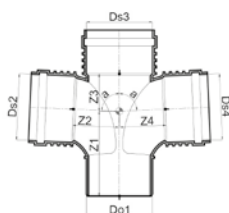
SiTech+ Branch STEA 87,5° Swept

Code	Do1=Ds3/Ds2	Z1	Z2	Z3	Pallet	Pack.
262 240	90/90	126	74	52	160	10
262 247	110/90	137	86	53	80	10
262 248	110/110	144	143	64	120	10



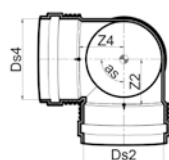
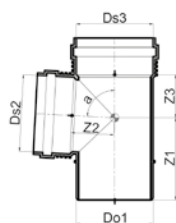
SiTech+Double Branch STDA

Code	Do1=Ds3 Ds2=Ds4	α	Z1	Z2	Z3	Pallet	Pack.
262 641	75/50	87,5°	80	45	35	320	10
262 642	90/50	45°	56	106	96	160	10
262 643	110/50	45°	96	63	37	120	10



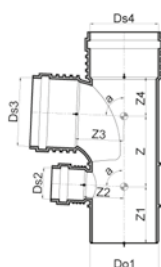
SiTech+ Double Branch STDA 87,5°

Code	Do1=Ds3/ Ds2=Ds4	Z1	Z2	Z3	Pallet	Pack.
262 648	110/110	144	143	64	60	10



SiTech+ Corner Branch STED 87,5°

Code	Do1=Ds3/ Ds2=Ds4	Z1	Z2	Z3	Pallet	Pack.
262 521	110/50	96	63	37	160	10



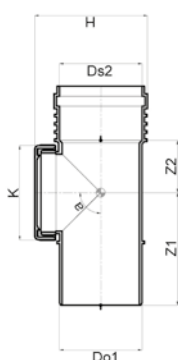
SiTech+ Shower Branch 87,5°

Code	Do1=Ds3=Ds4/Ds2	Z	Z1	Z2	Z3	Z4	Pallet	Pack.
262 742	90/50	91	96	53	74	52	160	10
262 743	110/50	111	96	63	79	64	80	10



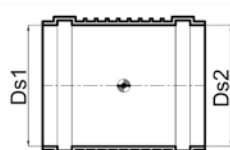
SiTech+ Access pipe STRE

Code	Do1=Ds2	Z1	Z2	H	K	KDe	Pallet.	Pack.
260 865	50/50	83	36	80	65	50	800	10
260 868	75/75	102	50	111	93	75	320	10
260 869	90/90	118	60	132	110	90	160	10
260 870	110/110	135	72	155	128	110	120	10
260 871	125/125	142	74	162	146	110	80	10
260 873	160/160	200	121	236	141	110	40	5



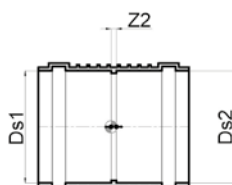
SiTech+ Coupler STU

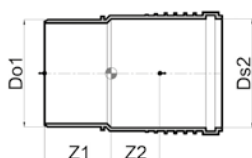
Code	Ds1=Ds2	Pallet	Pack.
264 033	40	1600	10
264 035	50	1280	10
264 038	75	480	10
264 039	90	320	10
264 040	110	240	10
264 041	125	160	20
264 043	160	80	10



SiTech+ Coupler STMM S/S

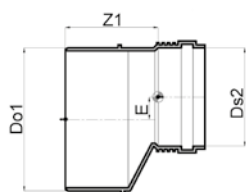
Code	Ds1=Ds2	Z2	Pallet	Pack.
264 802	32	1	1600	10
264 803	40	1	1600	10
264 805	50	1	1280	10
264 808	75	2	480	10
264 809	90	2	320	10
264 810	110	2	240	10
264 811	125	3	160	20
264 812	160	4	80	10





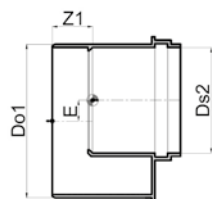
SiTech+ Double Length Socket STLL

Code	Do1=Ds2	Z1	Z2	Pallet	Pack.
264 103	40	50	53	800	10
264 105	50	52	56	800	10
264 108	75	59	64	320	10
264 109	90	63	70	240	10
264 110	110	152	79	160	10
264 111	125	171	91	120	10
264 113	160	187	99	60	10



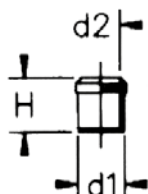
SiTech+ Reducer STR TYPE A

Code	Ds2/Do1	Z1	E	Pallet	Pack.
260 608	32/40	60	3	2560	20
260 615	32/50	66	9	1600	20
260 616	40/50	63	5	1600	20
260 631	50/75	77	12	640	20
260 643	50/110	106	27	320	20
260 602	75/110	98	17	480	20
260 655	110/125	98	7	160	20
260 671	110/160	121	24	160	20
260 672	125/160	117	16	160	20



SiTech+ Reducer STR TYPE B

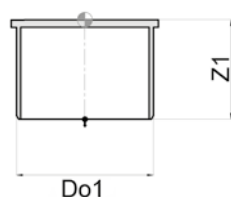
Code	Ds2/Do1	Z1	E	Pallet	Pack.
260 636	50/90	27	17	640	20
260 639	75/90	22	4	640	20
260 645	50/110	27	17	640	20
260 646	75/110	22	4	480	20
260 647	90/110	26	6	480	20



SiTech+ PP Reducer

Code	d2/d1	H	Pallet	Pack.
260 634	32/40	65	5120	40
260 637	40/50	55	3200	40

SiTech+ Endcap STM



Code	Do1	Z1	Pallet	Pack.
264 542	32	45	1600	10
264 543	40	47,5	1600	10
264 546	50	48,5	1600	10
264 551	75	54,5	1280	10
264 552	90	37,4	1280	10
264 553	110	69,5	640	10
264 554	125	69,0	480	10
264 555	160	98,2	160	10

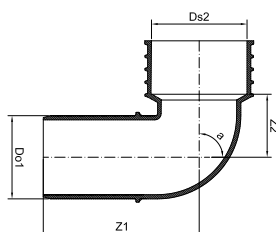


SiTech+ Trap bend STSW

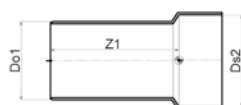
Code	Do1/Ds2	Z1	Z2	Pallet	Pack.
263 900	32/46	70	24	1600	20
263 901	40/46	79	30	1280	20
263 902	50/53	79	35	1280	20
263 926	40/46 Prolungata	125	30	480	20

d4= 53 Gasket 1" 1/4
d4= 53 Gasket 1" 1/2

cod. **308 046**
cod. **308 048**



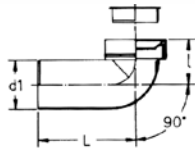
SiTech+ Trap coupler STS



Code	Do1/Ds2	Z1	Pallet	Pack.
263 910	32/46	52	1600	20
263 911	40/46	54	1600	20
263 912	50/53	55	960	20

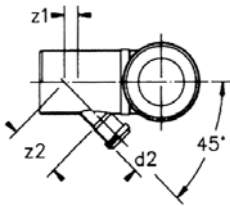
d4= 53 Gasket 1" 1/4
d4= 53 Gasket 1" 1/2

cod. **308 046**
cod. **308 048**



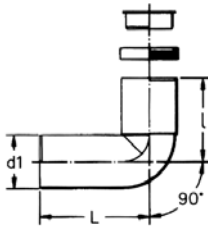
Bend WC HTSB

Code	d1	I	L	Pallet	Pack.
243 082D	110	100	230		10



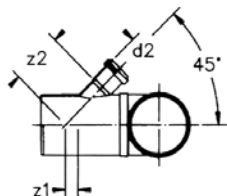
Bend WC revolving HTSB

Code	d1/d2	Pack.
243 109D	110/50	10



Bend WC HTSBL

Code	d1/d2	I	L	Pallet	Pack.
243 086D	90	170	106	160	20
243 087D	110	185	230	120	10



Bend WC revolving HTSBL

Code	d1/d2	Pallet	Pack.
243 113D	90/40	120	10
243 114D	90/50	120	10
243 118D	110/40	120	10
243 119D	110/50	120	10



Bend WC 2 conn. rev. HTSBL

Code	d1/d2	Pallet	Pack.
243 111D	90/40	80	10
243 112D	90/50	80	10
243 115D	110/40	80	10
243 116D	110/50	80	10



Bend WC 4 connections

Code	d1/d2	i	z1	z2	Pallet	Pack.
243 107D	110/40	185	- 24	95	60	5

Parts WAVIN SITECH+

Code	Description
800 013	Lip Seal 32
800 014	Lip Seal 40
800 015	Lip Seal 50
800 010	Lip Seal 63
800 016	Lip Seal 75
800 011	Lip Seal 90
800 017	Lip Seal 110
800 018	Lip Seal 125
800 019	Lip Seal 160

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