

SitaPipe PP

Many variations. Quick to install.



- + For main and emergency drainage
- + UV stability - suitable for internal and external use
- + 3-layer composite system - dimensional stability and more impact-resistant
- + Sleeve connections, pipes and formed parts suitable for overpressures up to 1.5 bar - equivalent to a water column of 15 m
- + The economical connecting pipe system made of polypropylene - easy installation



SitaPipe PP
pipe



SitaPipe PP
Bend



SitaPipe PP
Cleaning pipe



SitaPipe PP
branch 45°



SitaPipe PP
branch 87,3°



SitaPipe PP
Double plug-in coupler



SitaPipe PP
Transition piece eccentric



SitaPipe PP
Long coupler



SitaPipe PP
Slide-over coupler



SitaPipe PP
Pipe clamp



SitaPipe PP
safety clamp



SitaPipe PP
Base plate



SitaPipe PP
Threaded rod/pipe

SitaPipe PP

Product features at a glance:

Product features

Applications	To reroute rainwater from the Sita outlet to the sewers or onto surfaces that can be freely and safely flooded
Material	Polypropylene Galvanised steel
Temperature resistance, min.	-10 °C
Material class	Euroclass E / B1 low flammability Euroclass A1 /A1 non-flammable
Properties	+ White internal surfaces to simplify video inspections + Mechanical resistance, very high mechanical strength, even against impacts up to -10°C + System resistant to underpressures up to - 400 mbar and overpressures up to 1.5 bar + Good acoustic comfort: 16 dB(A) in accordance with EN 14366 and 18 dB(A) in accordance with DIN 4109 at a flow rate of 2 l/s + Ecological because it is made of fully recyclable material + Can be connected to other materials such as SitaPipe stainless steel, PE, PVC and PP
Workmanship	The general rules of engineering as well as the installation examples and installation instructions of Sita Bauelemente GmbH form the basis. The installation examples are for illustration purposes only and are a general, non-binding recommendation. The design is shown in schematic form only and does not replace the necessary work, detail and installation planning by the contractor. The customer, planner, contractor, etc. is responsible for checking the suitability, completeness and dimensions for the project and adjusting or tailoring the components to suit local requirements. Neighbouring works are shown in schematic form with no guarantee of their being complete or correct. The technical specifications in the information sheets, workmanship guidelines and system permits must be adhered to.

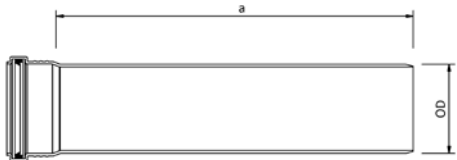
SitaPipe PP Pipe



Tender text

SitaPipe PP pipe, made of polypropylene, to DIN EN 1451-1 as a plug-in pipe system with EPDM lip seal fitted in the socket at the factory, sharp end with a phase for simplified insertion in the socket, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	Article number
50	50	500	60 00 50 05
		1000	60 00 50 10
		2000	60 00 50 20
70	75	500	60 00 75 05
		1000	60 00 75 10
		2000	60 00 75 20
90	90	500	60 00 90 05
		1000	60 00 90 10
		2000	60 00 90 20
100	110	500	60 00 11 05
		1000	60 00 11 10
		2000	60 00 11 20
125	125	500	60 00 12 05
		1000	60 00 12 10
		2000	60 00 12 20
150	160	500	60 00 16 05
		1000	60 00 16 10
		2000	60 00 16 20

* OD = Outer diameter (mm)

SitaPipe PP

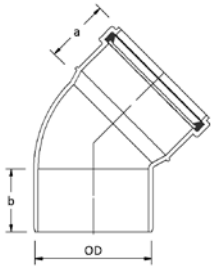
Bend



Tender text

SitaPipe PP bend, made of polypropylene, to DIN EN 1451-1 as a plug-in pipe system with EPDM lip seal fitted in the socket at the factory, sharp end with a phase for simplified insertion in the socket, supply and install to professional standards.

Technical drawing



SitaPipe PP
Pipe system

DN	OD*	Bend	a (mm)	b (mm)	Article number
50	50	15°	46	48	60 04 15 50
		30°			60 04 30 50
		45°			60 04 45 50
		67,3°			60 04 67 50
		87,3°			60 04 88 50
70	75	15°	52	53	60 04 15 75
		30°			60 04 30 75
		45°			60 04 45 75
		87,3°			60 04 88 75
90	90	15°	56	56	60 04 15 90
		30°			60 04 30 90
		45°			60 04 45 90
		87,3°			60 04 88 90
100	110	15°	59	61	60 04 15 11
		30°			60 04 30 11
		45°			60 04 45 11
		87,3°	61		60 04 88 11
125	125	15°	64	66	60 04 15 12
		30°			60 04 30 12
		45°			60 04 45 12
		87,3°	59		60 04 88 12
150	160	15°	79	83	60 04 15 16
		30°		75	60 04 30 16
		45°			60 04 45 16
		87,3°			60 04 88 16

* OD = Outer diameter (mm)

SitaPipe PP

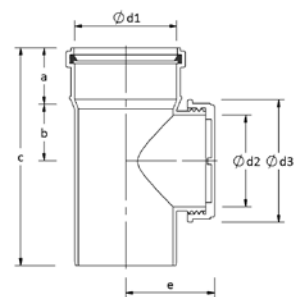
Cleaning pipe



Tender text

SitaPipe PP cleaning pipe, made of polypropylene, to DIN EN 1451-1 as a plug-in pipe system with EPDM lip seal fitted in the socket at the factory, sharp end with a phase for simplified insertion in the socket, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	c (mm)	e (mm)	d1 (mm)	d2 (mm)	d3 (mm)	Article number
50	50	46	35	154	66	50	66	90	60 08 11 05
70	75	52	43	188	80	75			60 08 75 10
90	90	56	55	218	92	90	93	120	60 08 11 09
100	110	59	65	240	100	110			60 08 11 11
125	125	65	71	267	105	125	112	150	60 08 11 12
150	160	77		287	125	161			60 08 11 13

* OD = Outer diameter (mm)

SitaPipe PP

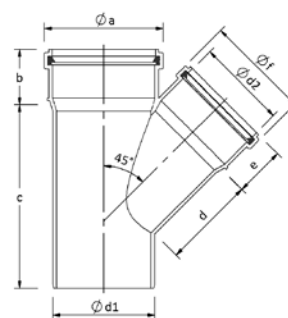
Branch 45°



Tender text

SitaPipe PP branch 45°, made of polypropylene, to DIN EN 1451-1 as a plug-in pipe system with EPDM lip seal fitted in the socket at the factory, sharp end with a phase for simplified insertion in the socket, supply and install to professional standards.

Technical drawing



DN	OD	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	f (mm)	d1 (mm)	d2 (mm)	Article number
50	50	64	46	123	51	46	64	50	50	60 05 50 50
70	75	91	54	128	56			75	50	60 05 50 75
			52	168	81	52	91	75	75	60 05 75 75
90	90	106	56	130	51	46	64	90	50	60 05 50 90
				187	91	56	106		90	60 05 90 90
100	110	129	59	123	53	46	64	110	50	60 05 50 11
				171	81	52	91		75	60 05 11 75
		128		219	111	59	128		110	60 05 11 11
125	125	146	65	150	51	46	64	125	50	60 05 50 12
				226	113	59	129		110	60 05 11 12
			64	247	129	64	146		125	60 05 12 12
150	160	185	77	249	127	59	129	160	110	60 05 11 16
				263	129	65	146		125	60 05 12 16
				277	161	77	185		160	60 05 16 16

SitaPipe PP

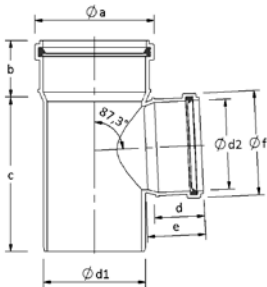
Branch 87,3°



Tender text

SitaPipe PP branch 87.3°, made of polypropylene, to DIN EN 1451-1 as a plug-in pipe system with EPDM lip seal fitted in the socket at the factory, sharp end with a phase for simplified insertion in the socket, supply and install to professional standards.

Technical drawing



DN	OD	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	f (mm)	d1 (mm)	d2 (mm)	Article number
50	50	64	46	106	46	51	64	50	50	60 06 50 50
70	75	91	52	114		56		75		60 06 50 75
				138	52	62	91		75	60 06 75 75
90	90	106	56	114	46	52	64	90	50	60 06 50 90
				156	56	65	106		90	60 06 90 90
100	110	129	59	123	46	56	64	110	50	60 06 50 11
				148	59	66	91		75	60 06 11 75
				182		72	129		110	60 06 11 11
125	125	146	65	129	46	53	64	125	50	60 06 50 12
				188	59	71	129		110	60 06 12 11

SitaPipe PP

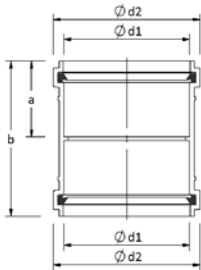
Double plug-in coupler



Tender text

SitaPipe PP double plug-in coupler, made of polypropylene, to DIN EN 1451-1 as a plug-in pipe system with EPDM lip seals fitted in the sockets at the factory, holds two pipe ends, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	d1 (mm)	d2 (mm)	Article number
50	50	52	104	50	64	60 09 50 50
70	75	59	120	75	91	60 09 75 75
90	90			90	106	60 09 90 90
100	110	67	136	110	129	60 09 11 11
125	125	72	147	125	146	60 09 12 12
150	160	88	180	160	185	60 09 16 16

* OD = Outer diameter (mm)

SitaPipe PP

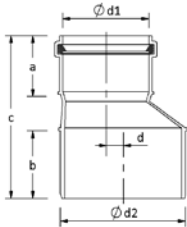
Transition piece eccentric



Tender text

SitaPipe PP transition piece eccentric, made of polypropylene, to DIN EN 1451-1 as a plug-in pipe system with EPDM lip seal fitted in the socket at the factory, sharp end with a phase for simplified insertion in the socket, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	c (mm)	d (mm)	d1 (mm)	d2 (mm)	Article number
50	50	42	54	73	4	50	75	60 01 50 75
			57	77	11		90	60 01 50 90
			59	79	20		110	60 01 50 11
70	75	47	57	107	5	75	90	60 01 75 90
		55	59	142	15		110	60 01 11 75
90		50	60	113	7	90		60 01 90 11
100	110	49	67	122	4	110	125	60 01 12 11
		52	82	103	10		160	60 01 11 16
125	125	56	83	105	4	125		60 01 12 16

* OD = Outer diameter (mm)

SitaPipe PP

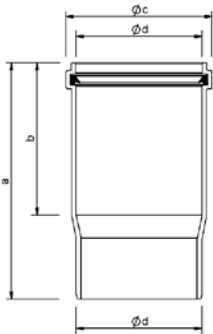
Long coupler 50



Tender text

SitaPipe PP long coupler, made of polypropylene, to DIN EN 1451-1 as a plug-in pipe system with EPDM lip seal fitted in the coupler at the factory, holds one pipe end, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	c (mm)	d (mm)	Article number
50	50	131	75	64	50	60 07 00 50
70	75	183	118	91	75	60 07 00 75
90	90	154	87	106	90	60 07 00 90
100	110	205	128	129	110	60 07 00 11
125	125	220	136	146	125	60 07 00 12

* OD = Outer diameter (mm)

SitaPipe PP

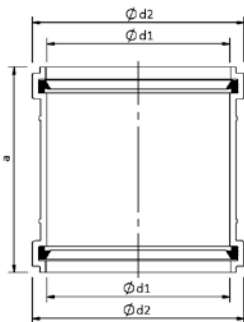
Slide-over coupler 50



Tender text

SitaPipe PP slide-over coupler, made of polypropylene, to DIN EN 1451-1 as a plug-in pipe system with EPDM lip seals fitted in the couplers at the factory, holds two pipe ends, without central rib, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	d1 (mm)	d2 (mm)	Article number
50	50	104	50	64	60 03 00 50
70	75	120	75	91	60 03 00 75
90	90		90	106	60 03 00 90
100	110	136	110	129	60 03 00 11
125	125	147	125	146	60 03 00 12
150	160	180	160	185	60 03 00 16

* OD = Outer diameter (mm)

SitaPipe PP

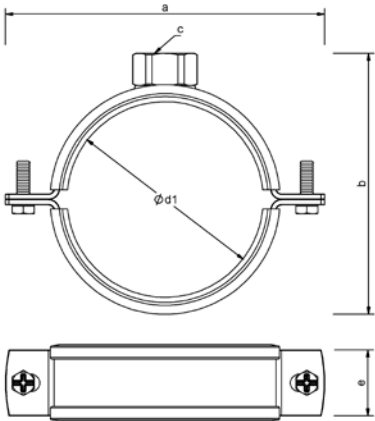
Pipe clamp



Tender text

SitaPipe PP pipe clamp made of galvanised steel, with EPDM insert and M10 or G1/2" threaded connection for fastening on structure, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	c	d1 (mm)	e (mm)	Article number
50	50	105	72	M10	50	30	64 20 00 50
70	75	127	97		75	30	64 20 00 75
90	90	145	112		90	30	64 20 00 90
100	110	161	133		110	30	64 20 00 11
125	125	177	148		125	30	64 20 00 12
150	160	225	183		160	30	64 20 00 16
50	50	105	76	1/2"	50	30	64 30 00 50
70	75	127	107		75	30	64 30 00 75
90	90	145	119		90	30	64 30 00 90
100	110	161	142		110	30	64 30 00 11
125	125	177	157		125	30	64 30 00 12
150	160	225	192		160	30	64 30 00 16

* OD = Outer diameter (mm)

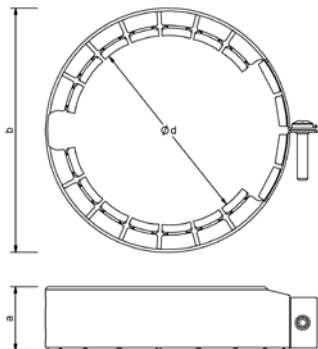
SitaPipe PP safety clamp



Tender text

SitaPipe PP safety clamp made of rust-proof stainless steel, material number 1.4301, for SitaPipe PP pipe and for secure connection of the Sita outlets with the SitaPipe PP pipe system, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	d (mm)	Article number
50	50	34,5	68,4	49	60 12 50 50
70	75	33,3	98,3	73	60 12 75 75
90	90	35	114,3	88	60 12 90 90
100	110	36,5	140	109	60 12 11 11
125	125	48,5	153,5	124	60 12 12 12
150	160	50	196	158,5	60 12 16 16

* OD = Outer diameter (mm)

SitaPipe PP

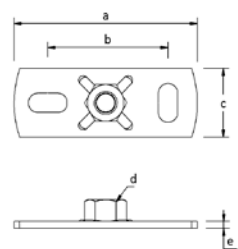
Base plate



Tender text

SitaPipe PP base plate made of galvanised steel, with M10 or 1/2" threaded connection for fastening on structure combined with the SitaPipe PP threaded pipe or threaded rod, supply and install to professional standards.

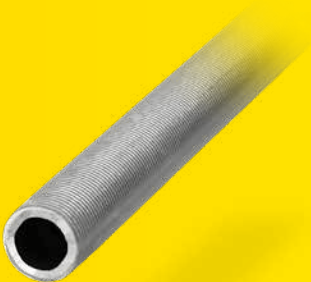
Technical drawing



a (mm)	b (mm)	c (mm)	d	e (mm)	Article number
80	53	30	M10	3	65 00 00 00
120	80	40	1/2"		65 00 00 10

SitaPipe PP

Threaded rod/pipe

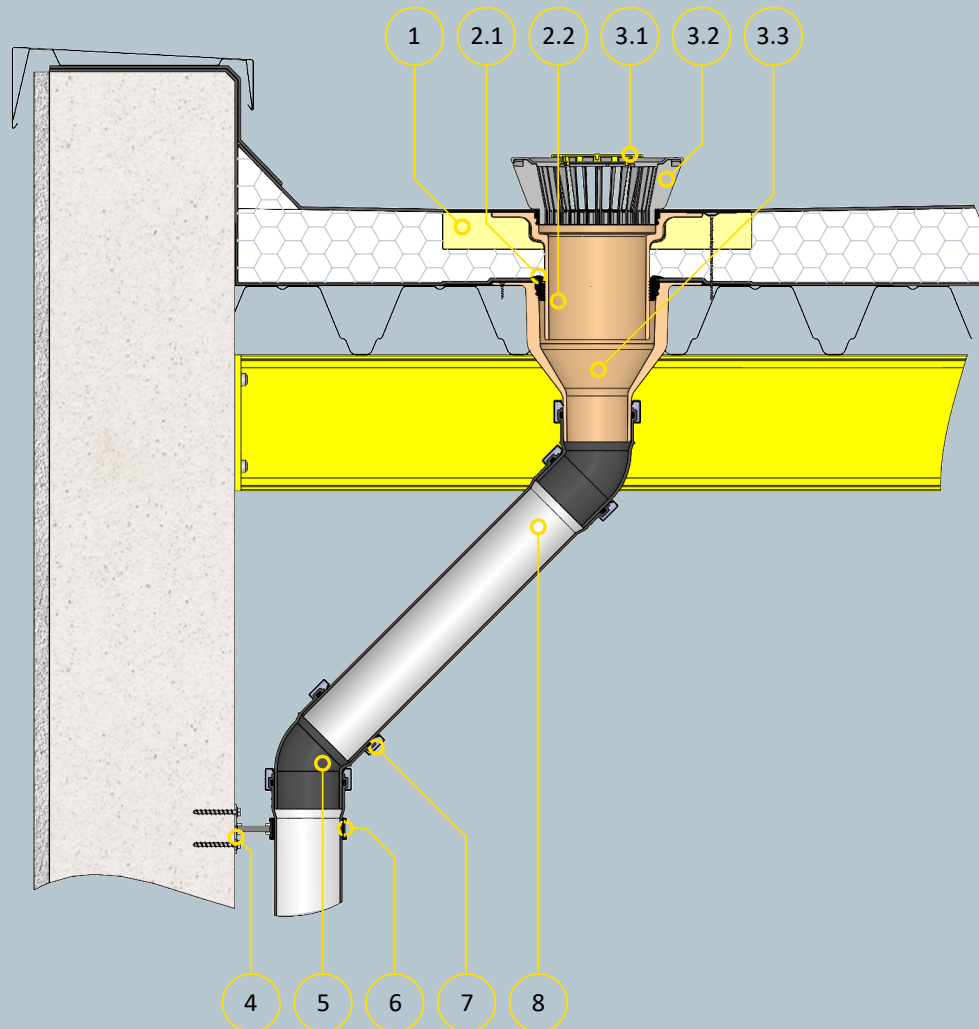


Tender text

SitaPipe PP threaded rod/threaded pipe, made of galvanised steel, with M10 or 1/2" thread for fastening on structure combined with the SitaPipe PP base plate, supply and install to professional standards.

SitaPipe PP
Pipe system

Execution	Length (mm)	Article number
M10	1000	65 00 10 00
1/2"	2000	65 00 10 10



Components

- 1** SitaStandard insulating body for extension unit

SitaStandard extension unit, consisting of:

- 2.1** Sealing ring

- 2.2** Base body

SitaStandard, vertical, consisting of:

- 3.1** Dome grate cover

- 3.2** Dome grate base body

- 3.3** Base body

- 4** SitaPipe PP base plate

- 5** SitaPipe PP bend

- 6** SitaPipe PP pipe clamp

- 7** SitaPipe PP safety clamp

- 8** SitaPipe PP pipe

Roof structure

Non-ventilated roof structure to the general rules of engineering with:

+ Waterproof membrane

+ Thermal insulation

+ Vapour barrier

+ Substructure