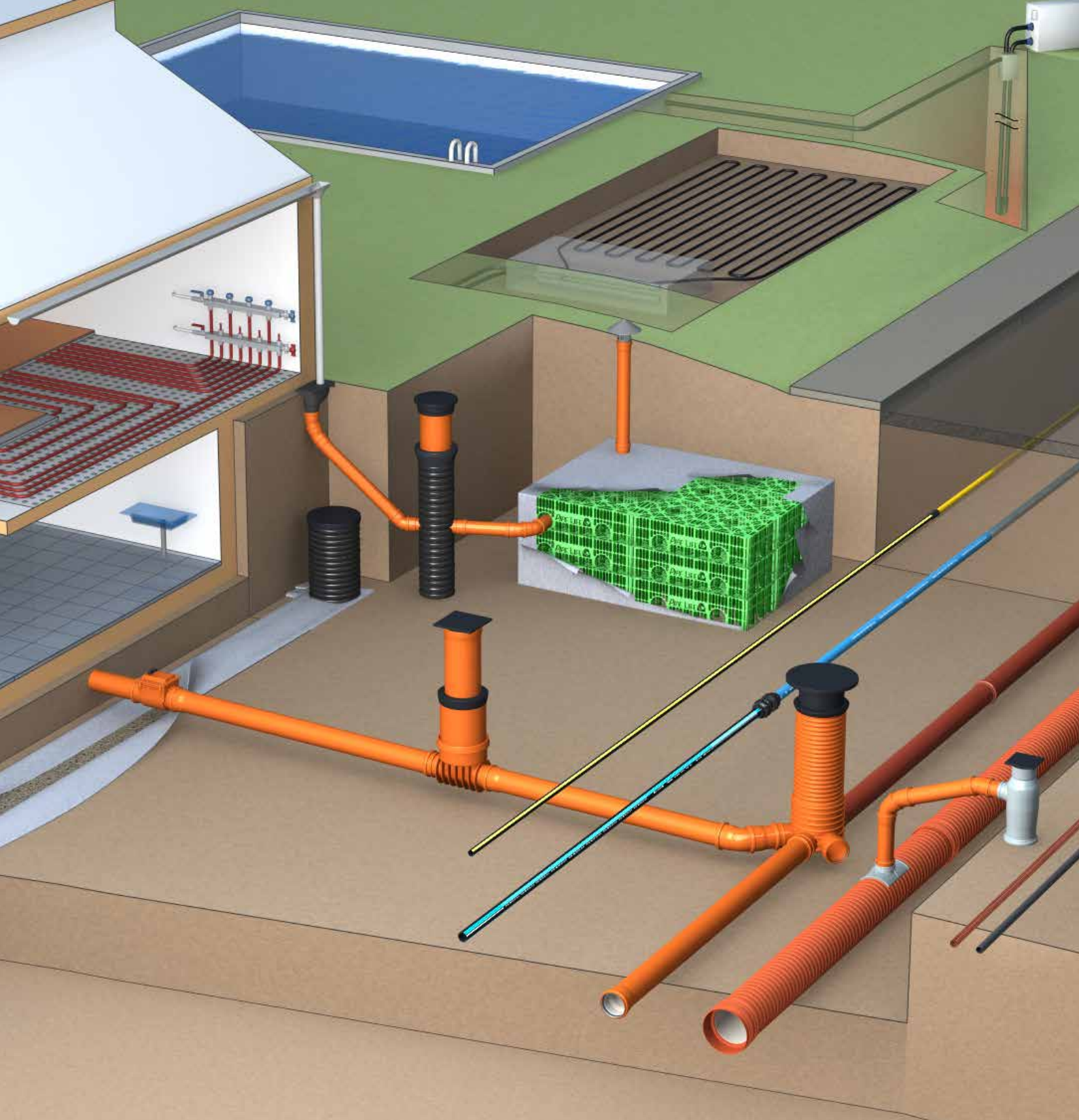


SEWAGE SYSTEM PVC KG SN 4, SN 8, SN 12



Wide range of sewage pipes and fittings.





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Wienerberger

Semmelrock
stein+design®

Cihelna  **Kinský**
spol. s r.o.

STEINZEUG
KERAMO 

PIPELIFE 
always part of your life


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BASIC TECHNICAL DATA

– MATERIAL AND SYSTEM

PVC – MATERIAL PROPERTIES

Mean specific gravity	1 400 kg/m ³
Short-term modulus of elasticity	3 000 - 3 600 N/mm ²
Long-term modulus of elasticity	1 750 - 2 000 N/mm ² (E ₅₀)
Coefficient of thermal expansion	0,08 mm/(m.K)
Short-term tensile strength (20 °C)	44 N/mm ²
Long-term tensile strength (20 °C)	25 N/mm ²
Chemical resistance	according to ISO TR 7620
Poisson's ratio of transverse contraction	0,33
Thermal conductivity	0,15 W/(m.K)
Surface resistance	approx. 10 ¹³ Ω
Absorbency	below 4 mg/cm ²

ADVANTAGES OF THE SYSTEM

- High ring stiffness SN 8 and SN 12 according to ČSN EN 9969
- High strength PVC module
- High dimensional stability
- Resistance to longitudinal deflections
- Very wide range
- Favorable price
- Easy connection
- Simple additional connection design
- Easy shortening
- Seal protected against damage

DESIGN DATA

TYPE	STRUCTURED ČSN EN 13 476-2	COMPACT ČSN EN 1401-1
Material	PVC	PVC
Wall construction	three-layer with a foam middle layer	compact, non-foamed
Socket	formed in production	formed in production
Supplied diameters	DN (110 - 125) - 160 - 200 - 315 - 400 - 500	DN 160 - 200 - 315 - 400 - 500
Ring stiffness (SN)	4 or 8 kN/m ²	8 or 12 kN/m ²
Supplied lengths	(0.5) - 1 - 2 - (3) - 5 m	3 – 6 m
Seal	lip seal ring, oil resistance seal ring on demand	lip seal ring, oil resistance seal ring on demand
Laying temperature	min. 0 °C, max 50 °C	min. 0 °C, max 50 °C
Max. medium temperature	up to 40 °C, up to DN 200 to 60 °C	up to 40 °C, up to DN 200 to 60 °C
Max. medium speed	10 m/s	10 m/s

TEMPERATURE DATA

TEMPERATURE OF THE TRANSPORTED MEDIUM

PVC pipes are designed for the transport of wastewater at a constant temperature max. 40 °C (for diameters 110 to 200 mm up to max. 60 °C; permissible short-term exceeding of these values, the material does not mind alternation temperature.

TEMPERATURE DURING HANDLING AND STORAGE

The pipes can be stored outdoors under all normal conditions temperature. At temperatures around zero, PVC becomes brittle and is recommended careful handling, laying at temperatures below 0 °C is on the user's own responsibility. After heating, the PVC acquires the original parameters and flexibility return.

CHEMICAL RESISTANCE

The pipes resist all common sewage and the action of all components common soil types.

The same applies to sealing rings. In addition to regular rings can Pipelife Czech also supply oil-resistant sealing rings. Ordinary rings are made of SBR material, material of oil-resistant rings - NBR solvents sufficient for aromatic solvents.

Oil-resistant rings are suitable if the sewage is contaminated oil, for example in service stations, petrol stations mass and the like. If in doubt, please contact us.

FIELDS OF APPLICATION

The SN 4 system is designed for the most common use, at low loads, The SN 8 system is designed for higher demands. The way of using co-extruded pipes SN 4 and SN 8 is "UD".

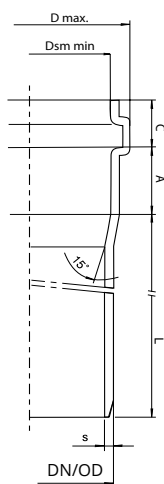
Laying of sewage pipes is governed by ČSN EN 1610, for efficient must use compacted, incoherent, non-grained soil. Pipes SN 8 (including type A with a smooth structured wall) provide higher safety than pipes ribbed with the same ring stiffness. layer, ie for the pipe bed, backfill and backfill up to 15 cm above the pipe.

ASSORTMENT

PVC SOCKET SMOOTH PIPES SN 4

Smooth red-brown KG pipes according to ČSN EN 13 476 with foam middle layer, formed socket and elastomer sealing ring.

PIPES

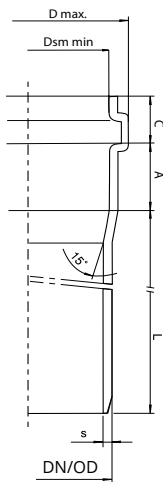


SAP	System code	DN/OD	s	Length	Dmax	Dsm min.	A min.	C max.
3296104001	100/0,5	110	3,2	0,5 m	127,0	110,4	32,0	26,0
3296104002	100/1			1,0 m				
3296104003	100/2			2,0 m				
3296104004	100/3			3,0 m				
3296104005	100/5			5,0 m				
3296104006	125/0,5	125	3,2	0,5 m	146,0	125,4	35,0	26,0
3296104007	125/1			1,0 m				
3296104008	125/2			2,0 m				
3296104009	125/3			3,0 m				
3296104010	125/5			5,0 m				
3296104011	150/0,5	160	4,0	0,5 m	184,0	160,5	42,0	32,0
3296104012	150/1			1,0 m				
3296104013	150/2			2,0 m				
3296104014	150/3			3,0 m				
3296104015	150/5			5,0 m				
3296105001	200/0,5	200	4,9	0,5 m	226,0	200,6	50,0	40,0
3296105002	200/1			1,0 m				
3296105003	200/2			2,0 m				
3296105004	200/3			3,0 m				
3296105005	200/5			5,0 m				
3296115001	250/1	250	6,2	1,0 m	288,0	250,8	55,0	70,0
3296115002	250/2			2,0 m				
3296115004	250/5			5,0 m				
3296116001	300/1	315	7,7	1,0 m	355,0	316,0	62,0	70,0
3296116002	300/2			2,0 m				
3296116003	300/5			5,0 m				
3296116004	400/1	400	9,8	1,0 m	448,0	401,2	70,0	80,0
3296116005	400/2			2,0 m				
3296116006	400/5			5,0 m				
3295107001	500/1	500	12,3	1,0 m	567,0	501,5	80,0	80,0
3295107002	500/2			2,0 m				
3295107004	500/6			6,0 m				

PVC SOCKET SMOOTH PIPES SN 8 - COEX

Pipes with a socket and an elastomer sealing ring with a structured wall (foam middle layer) according to ČSN EN 13 476.

PIPES SN 8 COEX



SAP	System code	DN/OD	s	Length	Dmax	Dsm min.	A min.	C max.
3296114106	SN8-100/1	110		1,0 m				
3296114107	SN8-100/2			2,0 m				
3296114110	SN8-100/6			6,0 m				
3296114111	SN8-125/1	125		1,0 m				
3296114112	SN8-125/2			2,0 m				
3296114115	SN8-125/6			6,0 m				
3296114101	SN8-150/1	160	4,7	1,0 m	186,0	110,4	38,7	18,2
3296114102	SN8-150/2			2,0 m				
3296114105	SN8-150/6			6,0 m				
3296115101	SN8-200/1	200	5,9	1,0 m	228,0	125,4	42,2	20,6
3296115102	SN8-200/2			2,0 m				
3296115209	SN8-200/6			6,0 m				
3296115105	SN8-250/1	250	7,3	1,0 m	291,0	160,5	50,7	25,1
3296115106	SN8-250/2			2,0 m				
3296115210	SN8-250/6			6,0 m				
3296116101	SN8-300/1	315	9,2	1,0 m	358,0	200,6	60,2	29,2
3296116102	SN8-300/2			2,0 m				
3296116105	SN8-300/6			6,0 m				
3296116106	SN8-400/1	400	11,7	1,0 m	452,0	250,6	72,3	40,5
3296116107	SN8-400/2			2,0 m				
3296115211	SN8-400/6			6,0 m				
3295107102	SN8-500/2	500	14,6	1,0 m	572,0	315,7	87,9	46,5
3295107104	SN8-500/6			6,0 m				

PVC SOCKET SMOOTH PIPES SN 8 - COMPACT

Pipes with socket and elastomer sealing ring with compact wall according to ČSN EN 1401.

PIPES SN 8 - COMPACT

SAP	System code	DN/OD	s	Length	Dmax	Dsm min.	A min.	C max.
3296114204	SN8-150/6KOM	160	4,7	6,0 m	186,0	110,4	38,7	18,2
3296115203	SN8-200/6KOM	200	5,9	6,0 m	228,0	125,4	42,2	20,6
3296115208	SN8-250/6KOM	250	7,3	6,0 m	291,0	160,5	50,7	25,1
3296116205	SN8-300/6KOM	315	9,2	6,0 m	358,0	200,6	60,2	29,2
3296116209	SN8-400/6KOM	400	11,7	6,0 m	452,0	250,6	72,3	40,5
3295128001	SN8-500/6KOM	500	14,6	6,0 m	572,0	315,7	87,9	46,5

PVC SOCKET SMOOTH PIPES SN 12 - COMPACT

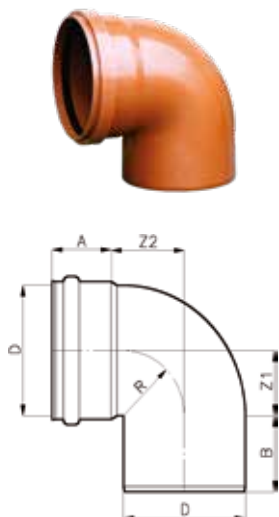
Pipes with socket and elastomer sealing ring with compact wall according to ČSN EN 1401.
For these pipes are necessary to use fittings from system QUANTUM SN 12.

PIPES SN 12 - COMPACT

SAP	System code	DN/OD	s	Length	Dmax	Dsm min.	A min.	C max.
3296125012	SN12-250/3KOM	250	8,2	3,0 m	272,9	250,6	72,3	40,5
3296125011	SN12-250/6KOM			6,0 m				
3296126005	SN12-300/6KOM	315	10,0	6,0 m	338,9	315,7	87,9	47,5
3296126011	SN12-400/6KOM	400	12,6	6,0 m	427,1	400,8	108,3	57,1

FITTINGS FOR SEWAGE PIPES SN 4 AND SN 8

ELBOW

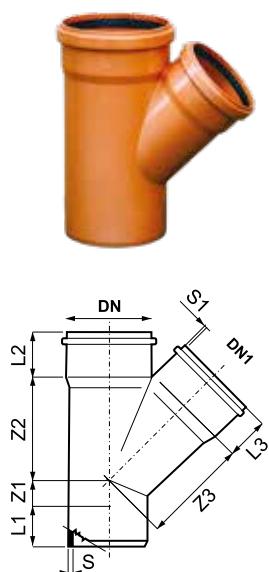


SAP	System code	DN/OD	α	S	Z1	Z2	L1	L2
3295114101	KGB100/15	110	15°	3,2	9	22	62	57
3295114102	KGB100/30		30°		17	29	61	57
3295114103	KGB100/45		45°		27	39	58	50
3295114104	KGB100/67		67°30′		41	53	62	56
3295114105	KGB100/87		87°30′		59	69	58	50
3295114106	KGB125/15	125	15°	3,2	10	22	68	63
3295114107	KGB125/30		30°		19	29	68	62
3295114108	KGB125/45		45°		29	42	68	62
3295114109	KGB125/67		67°30′		46	60	69	62
3295114110	KGB125/87		87°30′		67	79	69	62
3295114112	KGB150/15	160	15°	4,0	14	28	82	72
3295114113	KGB150/30		30°		25	40	82	72
3295114114	KGB150/45		45°		37	50	80	66
3295114115	KGB150/67		67°30′		60	74	82	74
3295114116	KGB150/87		87°30′		84	100	80	66
3295115101	KGB200/15	200	15°	4,9	18	35	100	86
3295115102	KGB200/30		30°		30	49	100	86
3295115103	KGB200/45		45°		46	64	100	84
3295115104	KGB200/67		67°30′		73	88	100	86
3295115105	KGB200/87		87°30′		105	122	100	85
3295115106	KGB250/15	250	15°	6,2	19	40	134	103
3295115107	KGB250/30		30°		37	59	134	103
3295115108	KGB250/45		45°		58	80	135	101
3295115109	KGB250/87		87°30′		132	154	136	103
3295116101	KGB300/15	315	15°	7,7	23	52	144	120
3295116102	KGB300/30		30°		47	74	144	118
3295116103	KGB300/45		45°		73	100	144	118
3295116104	KGB300/87		87°30′		166	192	144	114
3295116105	KGB400/15	400	15°	9,8	83	80	175	175
3295116106	KGB400/30		30°		65	98	165	140
3295116107	KGB400/45		45°		91	126	165	140
3295116108	KGB400/87		87°30′		211	244	160	140
3295117101	KGB500/15	500	15°	12,2	150	160	160	250
3295117102	KGB500/30		30°	12,2	165	230	160	250
3295117103	KGB500/45		45°	9,8	103	152	160	150
3295117104	KGB500/87		87°30′	9,8	380	430	160	150

Single-layer wall construction. Dimensions Z1, Z2, Z3 for injected fittings comply with ISO 265-1. Z1 can take negative values. The "useful length" of the fitting (branch) is then L1 + Z1 + L2 (L2 is the plug-in length).

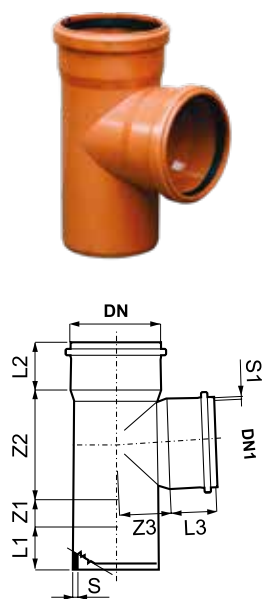
All diameters are in mm.

SINGLE BRANCH 45°



SAP	System code	DN	DN1	S	S1	Z1	Z2	Z3	L1	L2	L3
3295114201	KGEA100/100/4	110	110	3,2	-	27	143	143	58	50	50
3295114203	KGEA125/100/4	125	110	3,2	3,2	19	147	152	69	62	56
3295114205	KGEA125/125/4		125		-	30	161	161	71	62	62
3295114207	KGEA150/100/4	160	110	4,0	3,2	2	168	176	82	74	56
3295114209	KGEA150/125/4		125		3,2	12	180	185	83	74	62
3295114211	KGEA150/150/4		160		-	38	205	205	83	71	71
3295115201	KGEA200/100/4	200	110	4,9	3,2	17	191	200	100	86	56
3295115203	KGEA200/125/4		125		3,2	7	201	212	100	86	62
3295115205	KGEA200/150/4		160		4,0	18	228	232	100	86	74
3295115207	KGEA200/200/4		200		-	45	251	251	100	85	85
3295115209	KGEA250/100/4	250	110	6,2	3,2	-37	206	228	217	98	50
3295115211	KGEA250/125/4		125		3,2	-27	217	236	196	98	56
3295115213	KGEA250/150/4		160		4,0	3	250	261	131	103	74
3295115215	KGEA250/200/4		200		4,9	24	275	280	134	103	86
3295115217	KGEA250/250/4		250		-	57	311	311	134	101	101
3295116201	KGEA300/100/4	315	110	7,7	3,2	-66	240	272	230	110	50
3295116203	KGEA300/125/4		125		3,2	-56	251	279	209	110	56
3295116205	KGEA300/150/4		160		4,0	33	289	306	144	114	75
3295116207	KGEA300/200/4		200		4,9	5	317	337	144	114	85
3295116209	KGEA300/250/4		250		6,2	28	335	344	156	114	99
3295116211	KGEA300/300/4		315		-	73	392	392	144	114	114
3295116213	KGEA400/100/4	400	110	9,8	3,2	-130	450	435	165	170	65
3295116215	KGEA400/150/4		160		3,2	-20	430	380	175	145	65
3295116217	KGEA400/200/4		200		4,0	69	319	385	165	170	95
3295116219	KGEA400/250/4		250		4,9	50	355	435	165	180	105
3295116221	KGEA400/300/4		315		6,2	35	440	445	165	180	130
3295116223	KGEA400/400/4		400		7,7	73	480	530	160	170	135
3295117201	KGEA500/100/4	500	110	10,5	3,2	-185	360	420	180	250	65
3295117202	KGEA500/150/4		160	10,5	4,0	-65	450	680	200	250	90
3295117203	KGEA500/200/4		200	10,5	4,9	87	400	575	200	250	110
3295117205	KGEA500/250/4		250	12,3	6,2	-10	510	530	200	250	110
3295117207	KGEA500/300/4		315	12,3	6,9	-45	475	503	200	250	135
3295117209	KGEA500/400/4		400	12,3	9,8	115	615	640	200	250	180
3295117211	KGEA500/500/4		500	12,3	-	240	665	675	200	250	255

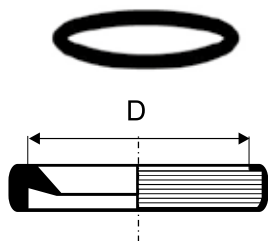
All diameters are in mm.

SINGLE BRANCH 87°30'


SAP	System code	DN	DN1	S	S1	Z1	Z2	Z3	L1	L2	L3
3295114202	KGEA100/100/8	110	110	3,2	3,2	59	69	69	56	55	55
3295114204	KGEA125/100/8	125	110	3,2	3,2	84	58	92	78	77	67
3295114206	KGEA125/125/8		125		3,2	66	70	78	62	62	62
3295114208	KGEA150/100/8	160	110	4,0	3,2	59	69	48	81	74	57
3295114210	KGEA150/125/8		125		3,2	95	66	114	86	96	78
3295114212	KGEA150/150/8		160		-	76	98	98	88	74	74
3295115202	KGEA200/100/8	200	110	4,9	3,2	61	67	106	113	79	49
3295115204	KGEA200/125/8		125		3,2	69	75	106	112	79	55
3295115206	KGEA200/150/8		160		4,0	105	119	115	80	86	74
3295115208	KGEA200/200/8		200		-	105	119	119	100	86	86
3295115210	KGEA250/100/8	250	110	6,2	3,2	90	100	132	144	99	51
3295115212	KGEA250/125/8		125		3,2	90	100	132	113	130	61
3295115214	KGEA250/150/8		160		4,0	90	100	134	117	126	85
3295115216	KGEA250/200/8		200		4,9	132	143	136	123	120	116
3295115218	KGEA250/250/8		250		-	120	152	152	135	101	101
3295116202	KGEA300/100/8	315	110	7,7	3,2	93	104	162	152	116	56
3295116204	KGEA300/125/8		125		3,2	93	104	162	152	116	61
3295116206	KGEA300/150/8		160		4,0	93	104	164	130	138	87
3295116208	KGEA300/200/8		200		4,9	166	178	170	128	140	106
3295116210	KGEA300/250/8		250		6,2	166	178	174	128	140	110
3295116212	KGEA300/300/8		315		7,7	166	185	174	146	114	114
3295116216	KGEA400/150/8	400	160	9,8	4,0	120	205	235	215	160	87
3295116218	KGEA400/200/8		200		4,9	145	240	245	215	175	104
3295116220	KGEA400/250/8		250		6,2	186	227	270	180	145	105
3295116222	KGEA400/300/8		315		6,9	186	227	260	180	145	125
3295116224	KGEA400/400/8		400		9,8	250	270	230	215	175	175
3295117204	KGEA500/100/8	500	200	10,5	4,9	163	205	300	210	170	95
3295117206	KGEA500/150/8		250	10,5	6,2	-	-	-	210	170	105
3295117208	KGEA500/200/8		315	10,5	6,9	-	-	-	210	170	125
3295117210	KGEA500/250/8		400	10,5	9,8	-	-	-	210	170	145
3295117212	KGEA500/500/8		500	12,3	12,3	265	355	345	295	245	245

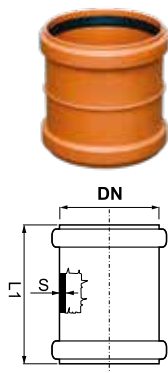
All diameters are in mm.

SPARE PART - REINFORCED SEAL (SBR MATERIAL)
SPARE PART - OIL RESISTANT SEALING (NBR MATERIAL)



RING			OIL RING		
SAP	System code	DN/OD	SAP	System code	DN/OD
932190013	BL100	110	3295190051	HTFR100-OB	110
932190016	BL125	125	3295190052	HTFR125-OB	125
932190018	BL150	160	3295190053	HTFR150-OB	160
932190019	BL200	200	3295190054	HTFR200-OB	200
932190020	BL250	250	3295190055	HTFR250-OB	250
932190021	BL300	315	3295190056	HTFR300-OB	315
932190022	BL400	400	3295190057	HTFR400-OB	400
			3295190058	HTFR500-OB	500

REPAIR SOCKET

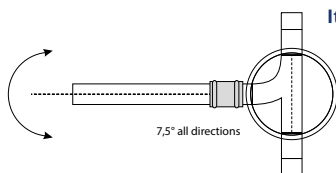


SAP	System code	DN/OD	S	L1
3295114407	KGU100	110	2,9	122
3295114408	KGU125	125	2,9	141
3295114409	KGU150	160	3,6	154
3295115410	KGU200	200	4,4	217
3295115411	KGU250	250	5,5	254
3295116405	KGU300	315	6,9	297
3295116406	KGU400	400	8,8	325
3295117402	KGU500	500	9,8	462

FLEXIBLE SOCKET



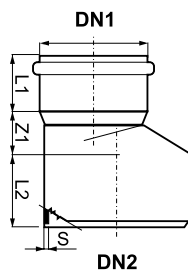
SAP	System code	DN/OD	S
3295114501	KGU100	160	3,6
3295115501	KGU125	200	4,4
3295115502	KGU150	250	5,5
3295116501	KGU200	315	6,9
3295116502	KGU500	400	8,8



It allows the change of all directions about 7,5°.

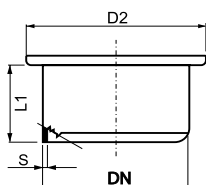
All diameters are in mm.

REDUCER



SAP	System code	DN1/DN2	S	Z1	L1	L2
3295114401	KGR125/100	125/110	3,2	22	56	63
3295114402	KGR150/100	160/110	4,0	43	56	82
3295114403	KGR150/125	160/125	4,0	36	62	82
3295115401	KGR200/100	200/110	-	-	-	-
3295115402	KGR200/125	200/125	4,9	53	62	100
3295115403	KGR200/150	200/160	4,9	39	74	100
3295115404	KGR250/100	250/110	-	-	-	-
3295115405	KGR250/125	250/125	-	-	-	-
3295115406	KGR250/150	250/160	-	-	-	-
3295115407	KGR250/200	250/200	6,2	39	96	134
3295116401	KGR300/150	315/160	-	-	-	-
3295116402	KGR300/200	315/200	7,7	85	86	145
3295116403	KGR300/250	315/250	7,7	64	103	144
3295116404	KGR400/300	400/315	9,8	88	118	156
3295117401	KGR500/400	500/400	12,3	-	-	-

SOCKET PLUG



SAP	System code	DN/OD	D2	S	L1
3295114514	KGM100	110	126	3,2	38
3295114515	KGM125	125	142	3,2	42
3295114516	KGM150	160	180	4,0	49
3295115511	KGM200	200	223	4,9	59
3295115512	KGM250	250	282	6,2	90
3295116509	KGM300	315	350	7,7	93
3295116510	KGM400	400	440	9,8	95
3295117504	KGM500	500	558	12,3	120

END CUP (TO CLOSE THE SMOOTH END OF THE PIPE)

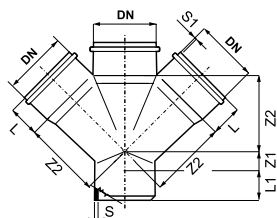


SAP	System code	DN/OD	L
3295114511	KGK100	110	38
3295114512	KGK125	125	42
3295114513	KGK150	160	49
3295115509	KGK200	200	59
3295115510	KGK250	250	64
3295116507	KGK300	315	74
3295116508	KGK400	400	85
3295117503	KGK500	500	98

The seal ring is not included.

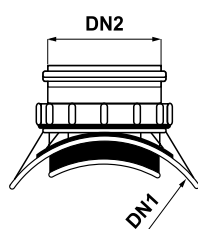
All diameters are in mm.

DOUBLE BRANCH 45°



SAP	System code	DN/OD	S	S1	Z1	Z2	L	L2
3295114302	KGDA100/100/4	110	3,2	3,2	30	141	57	60
3295114304	KGDA125/125/4	125	3,2	3,0	30	157	64	65
3295114305	KGDA150/150/4	160	4,0	-	51	204	85	88

SADDLE BRANCH 90°



SAP	System code	DN1	DN2	Floor plan area	ø of hole
3295115305	KGEAM200/150	200	160	300 x 230	152
3295115306	KGEAM250/150	250	160		152
3295116305	KGEAM300/150	315	160		152
3295116306	KGEAM300/200	315	200		200
3295116307	KGEAM400/150	400	160		152
3295116308	KGEAM400/200	400	200		200
3295117302	KGEAM500/150	500	160		200
3295117303	KGEAM500/200	500	200		200

Saddle area for the fitting 300 x 230 mm.

Assembly: the saddle branch fits into the pre-drilled hole and is fixed by the spanner.

HOLE SAW FOR SADDLE BRANCH



SAP	System code	ø drill
3295110301	KGEAMV152	160
3295110302	KGAMV200	200

Drill the hole for saddle branch only perpendicular to the pipe axis!

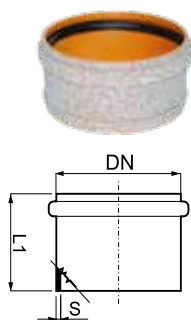
SPANNER FOR SADDLE BRANCH



SAP	System code	DN/OD
3295115307	KGEAMK150	160
included in set		200

All diameters are in mm.

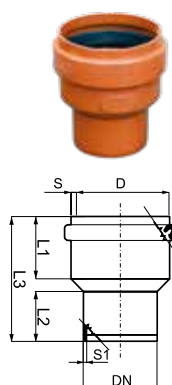
SANDED PROTECTION SLEEVE (PVC SOCKET WITH SEALING RING, WITHOUT END STOP)



SAP	System code	DN/OD	S	L1
3295114508	KGAMS100	110	2,9	38
3295114509	KGAMS125	125	2,9	42
3295114510	KGAMS150	160	3,6	49
3295115506	KGAMS200	200	4,4	59
3295115508	KGAMS250	250	5,5	90
3295116504	KGAMS300	315	6,9	93
3295116506	KGAMS400	400	8,8	95
3295117502	KGAMS500	500	9,8	120

DN 250 - 500 can be supplied in a laminate version as a shaft insert with an end stop.

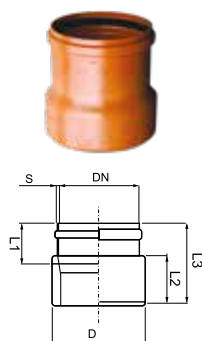
CLAY PIPE ADAPTER (CLAY PIPE SPIGOT)



SAP	System code	DN/OD	D	S	S1	L1	L2	L3
3295114413	KGUS100	110	136	3,0	3,0	89	60	170
3295114414	KGUS125	125	160	3,4	3,0	98	67	190
3295114415	KGUS150	160	190	4,0	3,6	112	81	215
3295115413	KGUS200	200	242	5,5	4,5	125	100	255
3295115414	KGUS250	250	-	-	-	-	-	-
3295116407	KGUS300	315	-	-	-	-	-	-

Supplied with seal.

CLAY PIPE ADAPTER (CLAY PIPE SOCKET)



SAP	System code	DN/OD	D	S	L1	L2	L3
3295114416	KGUSM100L	110	136	3,0	56	70	114
3295114417	KGUSM125L	125	160	3,0	62	70	119
3295114418	KGUSM150L	160	190	3,6	72	70	123
3295115415	KGUSM200L	200	242	-	-	-	-
3295115416	KGUSM250L	250	-	-	-	-	-
3295116408	KGUSM300L	315	-	-	-	-	-

A KGRR sealing ring must also be ordered for the earthenware neck without seal.

GASKETS FOR PVC - STONE AND STONE - PVC TRANSITIONS

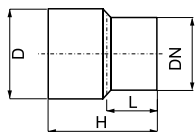


SEAL RING for transition

SAP	System code	DN/OD
3295114404	KGRR100	110
3295114405	KGRR125	125
3295114406	KGRR150	160
3295115408	KGRR200	200

All diameters are in mm.

CAST IRON ADAPTER (CAST IRON PIPE SPIGOT)



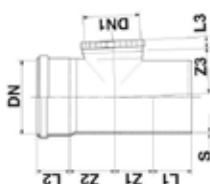
SAP	System code	DN/OD	D	H	L
3295114410	KGUG100	110	124	149	70
3295114411	KGUG125	125	151	166	87
3295114412	KGUG150	160	176	182	98
3295115412	KGU200	200	226	222	126

GASKETS FOR THE TRANSITION OF PVC - CAST IRON - ALSO FOR THE TRANSITION FROM CAST IRON TO PVC (1 PAIR OF RINGS)



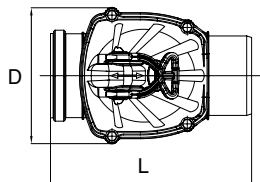
SAP	System code	DN/OD
3295114502	KAME100	110
3295114503	KAME125	125
3295114504	KAME150	160
3295115503	KAME200	200

ACCESS PIECE



SAP	System code	DN/OD	S	Z1	Z2	Z3	L1	L2	L3
3295114610	KGRE100	110	3,0	59	69	69	60	55	36
3295114611	KGRE125	125	3,2	66	70	78	62	62	22
3295114612	KGRE150	160	4,0	83	99	99	85	72	24
3295115604	KGRE200	200	4,9	105	119	119	100	86	28
3295115605	KGRE250	250	6,2	120	152	152	135	101	70
3295116603	KGRE315	315	7,7	166	185	185	146	114	90
3295116604	KGRE400	400	9,8	227	227	260	180	145	30

NON RETURN VALVE - FITTING AGAINST RAIN WATER MADE OF PP WITH STAINLESS STEEL SWITCHING ELEMENT



SAP	System code	DN/OD	D	L
3295114604	KGKLAPNER100	110	287	186
3295114605	KGKLAPNER125	125	307	194
3295114606	KGKLAPNER150	160	367	243
3295115603	KGKLAPNER200	200	on demand	

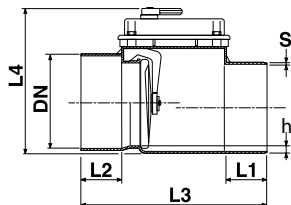
Manual position lock closed. The damper is mounted in a maximum slope of 2 %.

Do not leave the control lever in the intermediate position.

Assembly is performed according to ČSN 75 6760 (1/2014) point 8. It is a mature type 1 according to ČSN EN 13564-1.

All diameters are in mm.

NON RETURN VALVE - PVC FITTING AGAINST RAINWATER



SAP	System code	DN/OD	S	L1	L2	L3	L4	The difference between the level of the bottom of the inlet and outlet
3295114601	KGKLAP100	110	4,0	61	61	307	230	19
3295114602	KGKLAP125	125	4,0	68	65	318	230	12
3295114603	KGKLAP150	160	4,0	74	74	337	255	16
3295115601	KGKLAP200	200	4,5	100	86	451	300	15
3295115602	KGKLAP250	250	6,2	130	102	520	374	-
3295116601	KGKLAP300	315	7,7	160	125	615	440	-
3295116602	KGKLAP400	400	9,8	205	145	780	460	-
3295117601	KGKLAP500	500	12,3	-	-	1400	750	-

Closed up to DN/OD 315 with manual position locking. The damper is mounted in max. gradient of 2 %. Do not leave the control lever in the intermediate position.

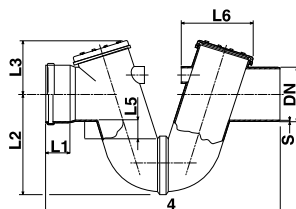
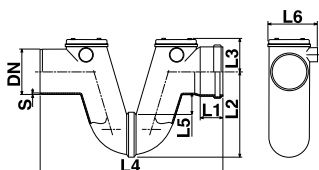
Assembly is performed according to ČSN 75 6760 (1/2014) point 8. It is a mature type 1 according to ČSN EN 13564-1.

SIPHON (2 DESIGNS)



SAP	System code	DN/OD	S	L1	L2	L3	L4	L5	L6	DESIGN
3295114613	KGSIF100	110	3,0	61	202	88	495	35	153	first
3295114614	KGSIF125	125	3,0	61	235	92	490	38	175	first
3295114615	KGSIF150	160	3,0	72	295	158	655	50	210	second
3295115606	KGSIF200	200	4,0	84	345	198	795	50	270	second

Some types of fittings can be supplied in PP material.



All diameters are in mm.

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