Pipework systems

ACO Product catalogue

ACO pipe 250

Content

Introduction

Characteristics

ACO pipe is a reliable, lightweight and durable push-fit pipe work system, designed, produced and tested for soil, waste, rainwater and industrial wastewater drainage applications. Together with the other products of ACO Group it provides a perfect system and offers a sustainable drainage solution with unique advantages for customers.

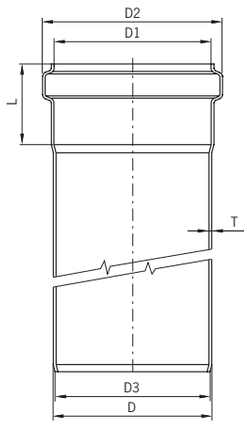
In addition to the current diameters of 50 mm, 75 mm, 110 mm, 125 mm, 160 mm and 200 mm and **we are now launching a new 250 mm diameter**.

Pipes with diameter 250 mm are mostly used for end sections of the sewage pipeworks in large food and beverage processing facilities.

ACO pipes with diameter 250 mm keep all features and advantages of the ACO pipe range:

- Push fit system for easy installation
- Unique double sealing for ultimate tightness
- Stainless steel material AISI 304 or AISI 316L
- Low weight for easy handling on site
- Long lifetime
- Hygienic

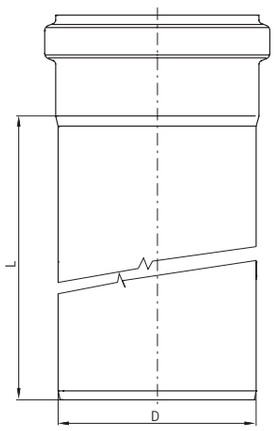
Dimensions of socket and spigot



D [mm]	D_1 [mm]	D_2 [mm]	D_3 [mm]	Socket length L [mm]	Wall thickness T [mm]
250	251	268,6	245	90	1.5

Table 1

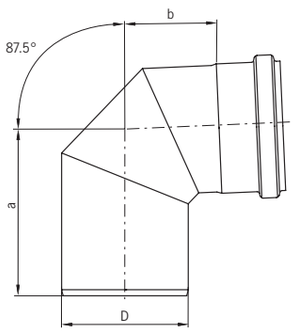
AP socketed pipe 250 mm



Seal material	D [mm]	Active length L [mm]	Weight [kg]	Order No. 1.4301	Order No. 1.4404
EPDM	250	500	5.5	417071	417072
	250	1000	10.2	417075	417076
	250	2000	19.4	417079	417080
	250	3000	28.7	417083	417084
Viton	250	500	5.5	417073	417074
	250	1000	10.2	417077	417078
	250	2000	19.4	417081	417082
	250	3000	28.7	417085	417086

Table 2

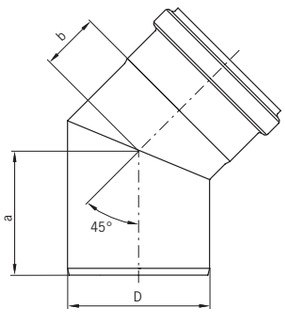
AP bend 87.5°



Seal material	D [mm]	a [mm]	b [mm]	Weight [kg]	Order No. 1.4301	Order No. 1.4404
EPDM	250	297	198	5.1	417087	417088
Viton	250	297	198	5.1	417089	417090

Table 3

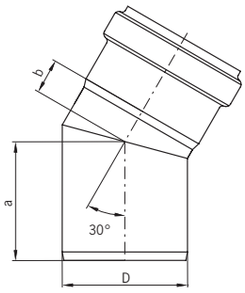
AP bend 45°



Seal material	D [mm]	a [mm]	b [mm]	Weight [kg]	Order No. 1.4301	Order No. 1.4404
EPDM	250	177	76	4.1	417091	417092
Viton	250	177	76	4.1	417093	417094

Table 4

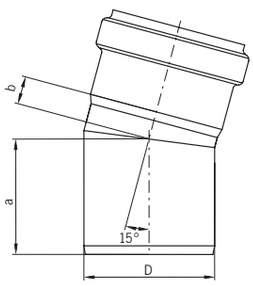
AP bend 30°



Seal material	D [mm]	a [mm]	b [mm]	Weight [kg]	Order No. 1.4301	Order No. 1.4404
EPDM	250	153	58	3.1	417095	417096
Viton	250	153	58	3.1	417097	417098

Table 5

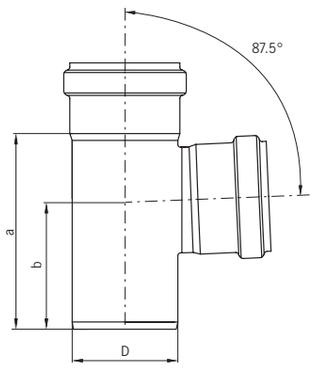
AP bend 15°



Seal material	D [mm]	a [mm]	b [mm]	Weight [kg]	Order No. 1.4301	Order No. 1.4404
EPDM	250	136	40	2.7	417099	417100
Viton	250	136	40	2.7	417101	417102

Table 6

AP single branch 87.5°



Seal material	D [mm]	a [mm]	b [mm]	Weight [kg]	Order No. 1.4301	Order No. 1.4404
EPDM	250	363	215	5.8	417103	417104
Viton	250	363	215	5.8	417105	417106

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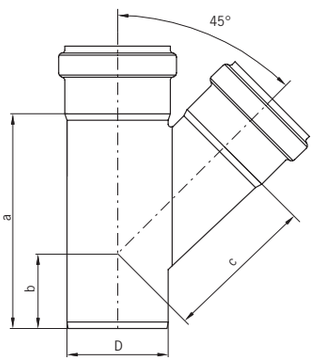
Table 7

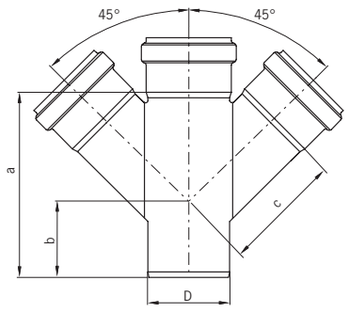
AP single branch 45°



Seal material	D [mm]	a [mm]	b [mm]	c [mm]	Weight [kg]	Order No. 1.4301	Order No. 1.4404
EPDM	250	513	172	336	8.9	417107	417108
Viton	250	513	172	336	8.9	417109	417110

Table 8

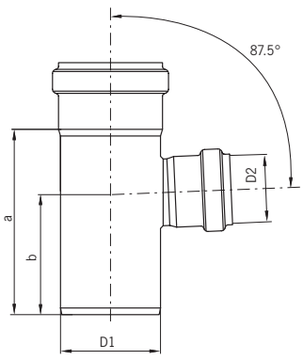
AP double branch 45°



Seal material	D [mm]	a [mm]	b [mm]	c [mm]	Weight [kg]	Order No. 1.4301	Order No. 1.4404
EPDM	250	509	172	336	11	417119	417120
Viton	250	509	172	336	11	417121	417122

Table 9

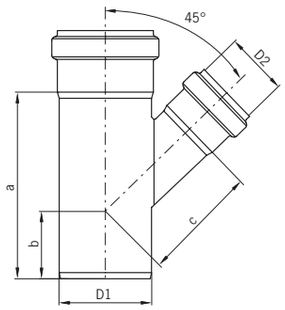
AP single branch reduction 87.5°



Seal material	D1 [mm]	D2 [mm]	a [mm]	b [mm]	Weight [kg]	Order No. 1.4301	Order No. 1.4404
EPDM	250	200	349	226	5.8	417111	417112
Viton	250	200	349	226	5.8	417113	417114

Table 10

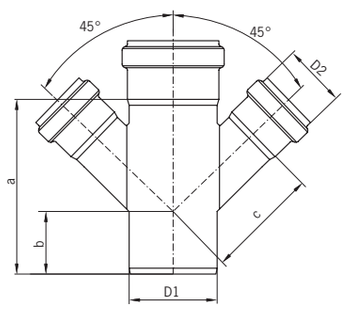
AP single branch reduction 45°



Seal material	D1 [mm]	D2 [mm]	a [mm]	b [mm]	c [mm]	Weight [kg]	Order No. 1.4301	Order No. 1.4404
EPDM	250	200	429	175	307	7.6	417115	417116
Viton	250	200	429	175	307	7.6	417117	417118

Table 11

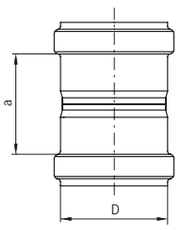
AP double branch reduction 45°



Seal material	D1 [mm]	D2 [mm]	a [mm]	b [mm]	c [mm]	Weight [kg]	Order No. 1.4301	Order No. 1.4404
EPDM	250	200	429	150	307	10.1	417123	417124
Viton	250	200	429	150	307	10.1	417125	417126

Table 12

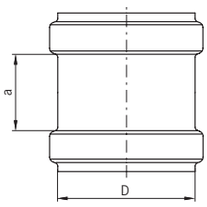
AP straight coupling



Seal material	D [mm]	a [mm]	Weight [kg]	Order No. 1.4301	Order No. 1.4404
EPDM	250	181	3.1	417158	417159
Viton	250	181	3.1	417160	417161

Table 13

AP repair coupling

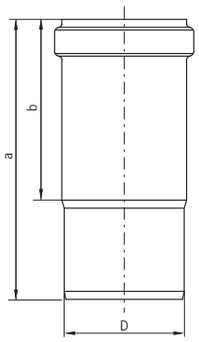


Seal material	D [mm]	a [mm]	Weight [kg]	Order No. 1.4301	Order No. 1.4404
EPDM	250	182	2.4	417138	417139
Viton	250	182	2.4	417140	417141

Table 14

Note: Repair couplings are used to aid a convenient repair to a damaged in-situ pipe. Unlike the standard straight coupling, there is no central registration to limit the insertion depth of the pipe. The repair coupling slides completely over a pipe joint and simply re-positioned to bridge the required pipe joint. Installation tip: Mark the final position of the repair coupling on the installed pipe system to ensure the coupling seals are positioned symmetrically about the pipe joint.

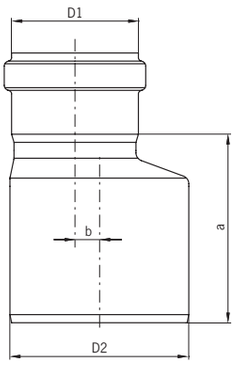
AP expansion socket



Seal material	D [mm]	a [mm]	b [mm]	Weight [kg]	Order No. 1.4301	Order No. 1.4404
EPDM	250	400	190	4.0	417142	417143
Viton	250	400	190	4.0	417144	417145

Table 15

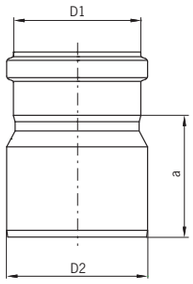
AP eccentric increaser coupling



Seal material	D1 [mm]	D2 [mm]	a [mm]	b [mm]	Weight [kg]	Order No. 1.4404
EPDM	200	250	180	15	2.6	417135
Viton	200	250	180	15	2.6	417136

Table 16

AP concentric increaser coupling



Seal material	D1 [mm]	D2 [mm]	a [mm]	b [mm]	Weight [kg]	Order No. 1.4404
EPDM	200	250	180	0	2.6	417133
Viton	200	250	180	0	2.6	417134

Table 17