

*AGAf*flex

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AGA Universal Flange Fittings:

- AK** fittings with a flange joint for plain-ended pipe on one side and male thread on the other;
- IK** fittings with a flange joint for plain-ended pipe on one side and female thread on the other;
- OK** fittings with flange joints for plain-ended pipes on both sides;
- TK** fittings with flange joints for plain-ended pipes on two sides and a 90° outlet with female thread.

AGA fittings with flange joints are used for sealing and repairs of damaged water installations, extending them and building new installations with maximum operating pressure of 16 bar.

AGA fittings with flange joints are used for connecting steel and other pipes with outer diameters within the theoretical range shown in tables below.

Maximum operating temperature 80°C.



Components of AGA fittings

- sleeve and flange – black malleable iron;
- compression ring – galvanized carbon steel;
- washer – galvanized carbon steel;
- sealing ring – NBR rubber.

AGA fittings type AK

DN	Size	Item	Item no	Weight (kg)	For steel pipe conforming to PN-EN 10255 with outer diameter (mm)	For PE pipe conforming to PN-EN 12201 with outer diameter (mm)	Theoretical maximum application range for pipe diameter (mm)
10	3/8"	fitting AK 3/8"	10010038	0,16	16,7–17,5	16,0–16,3	15,8–17,7
15	1/2"	fitting AK 1/2"	10010001	0,19	21,0–21,8	20,0–20,5	19,3–22,0
20	3/4"	fitting AK 3/4"	10010002	0,27	26,5–27,3	25,0–25,5	24,3–27,5
25	1"	fitting AK 1"	10010003	0,35	33,3–34,2	32,0–32,5	31,2–34,4
32	1 1/4"	fitting AK 1 1/4"	10010004	0,58	42,0–42,9	40,0–40,5	39,3–43,1
–	38 x 1 1/4"	fitting AK 38 mm	10011038	0,59	37,1–38,9	–	37,0–39,5
40	1 1/2"	fitting AK 1 1/2"	10010005	0,62	47,9–48,8	50,0–50,5	47,7–51,7
–	45 x 1 1/2"	fitting AK 45 mm	10010045	0,65	44,0–45,0	–	43,0–45,3
50	2"	fitting AK 2"	10010006	1,15	59,7–60,8	63,0–63,6	59,5–63,8
–	54 x 2"	fitting AK 54 mm	10010054	1,21	53,0–54,3	–	52,0–54,8
–	57 x 2"	fitting AK 57 mm	10010057	1,20	56,4–57,6	–	54,7–57,5
65	2 1/2"	fitting AK 2 1/2"	10010007	2,67	75,7–76,6	75,0–75,7	72,0–76,6



AGA fittings type IK

DN	Size	Item	Item no	Weight (kg)	For steel pipe conforming to PN-EN 10255 with outer diameter (mm)	For PE pipe conforming to PN-EN 12201 with outer diameter (mm)	Theoretical maximum application range for pipe diameter (mm)
10	3/8"	fitting IK 3/8"	10020038	0,16	16,7–17,5	16,0–16,3	15,8–17,7
15	1/2"	fitting IK 1/2"	10020001	0,20	21,0–21,8	20,0–20,5	19,3–22,0
20	3/4"	fitting IK 3/4"	10020002	0,28	26,5–27,3	25,0–25,5	24,3–27,5
25	1"	fitting IK 1"	10020003	0,36	33,3–34,2	32,0–32,5	31,2–34,4
32	1 1/4"	fitting IK 1 1/4"	10020004	0,57	42,0–42,9	40,0–40,5	39,3–43,1
–	38 x 1 1/4"	fitting IK 38 mm	10021038	0,57	37,1–38,9	–	37,0–39,5
40	1 1/2"	fitting IK 1 1/2"	10020005	0,62	47,9–48,8	50,0–50,5	47,7–51,7
–	45 x 1 1/2"	fitting IK 45 mm	10020045	0,65	44,0–45,0	–	43,0–45,3
50	2"	fitting IK 2"	10020006	1,15	59,7–60,8	63,0–63,6	59,5–63,8
–	54 x 2"	fitting IK 54 mm	10020054	1,16	53,0–54,3	–	52,0–54,8
–	57 x 2"	fitting IK 57 mm	10020057	1,20	56,4–57,6	–	54,7–57,5
65	2 1/2"	fitting IK 2 1/2"	10020007	2,67	75,7–76,6	75,0–75,7	72,0–76,6



AGA fittings type OK

DN	Size	Item	Item no	Weight (kg)	For steel pipe conforming to PN-EN 10255 with outer diameter (mm)	For PE pipe conforming to PN-EN 12201 with outer diameter (mm)	Theoretical maximum application range for pipe diameter (mm)
10	3/8"	fitting OK 3/8"	10030038	0,25	16,7–17,5	16,0–16,3	15,8–17,7
15	1/2"	fitting OK 1/2"	10030001	0,29	21,0–21,8	20,0–20,5	19,3–22,0
20	3/4"	fitting OK 3/4"	10030002	0,40	26,5–27,3	25,0–25,5	24,3–27,5
25	1"	fitting OK 1"	10030003	0,50	33,3–34,2	32,0–32,5	31,2–34,4
32	1 1/4"	fitting OK 1 1/4"	10030004	0,80	42,0–42,9	40,0–40,5	39,3–43,1
–	38 x 1 1/4"	fitting OK 38 mm	10031038	0,83	37,1–38,9	–	37,0–39,5
40	1 1/2"	fitting OK 1 1/2"	10030005	0,62	47,9–48,8	50,0–50,5	47,7–51,7
–	45 x 1 1/2"	fitting OK 45 mm	10030045	0,65	44,0–45,0	–	43,0–45,3
50	2"	fitting OK 2"	10030006	1,15	59,7–60,8	63,0–63,6	59,5–63,8
–	54 x 2"	fitting OK 54 mm	10030054	1,63	53,0–54,3	–	52,0–54,8
–	57 x 2"	fitting OK 57 mm	10030057	1,20	56,4–57,6	–	54,7–57,5
65	2 1/2"	fitting OK 2 1/2"	10030007	2,67	75,7–76,6	75,0–75,7	72,0–76,6



AGA fittings type TK



DN	Size	Item	Item no	Weight (kg)	For steel pipe conforming to PN-EN 10255 with outer diameter (mm)	For PE pipe conforming to PN-EN 12201 with outer diameter (mm)	Theoretical maximum application range for pipe diameter (mm)
10	3/8"	fitting TK 3/8"	10040038	0,29	16,7–17,5	16,0–16,3	15,8–17,7
15	1/2"	fitting TK 1/2"	10040001	0,35	21,0–21,8	20,0–20,5	19,3–22,0
20	3/4"	fitting TK 3/4"	10040002	0,49	26,5–27,3	25,0–25,5	24,3–27,5
25	1"	fitting TK 1"	10040003	0,63	33,3–34,2	32,0–32,5	31,2–34,4
32	1 1/4"	fitting TK 1 1/4"	10040004	0,97	42,0–42,9	40,0–40,5	39,3–43,1
–	38 x 1 1/4"	fitting TK 38 mm	10041038	0,99	37,1–38,9	–	37,0–39,5
40	1 1/2"	fitting TK 1 1/2"	10040005	0,62	47,9–48,8	50,0–50,5	47,7–51,7
–	45 x 1 1/2"	fitting TK 45 mm	10040045	0,65	44,0–45,0	–	43,0–45,3
50	2"	fitting TK 2"	10040006	1,15	59,7–60,8	63,0–63,6	59,5–63,8
–	54 x 2"	fitting TK 54 mm	10040054	2,10	53,0–54,3	–	52,0–54,8
–	57 x 2"	fitting TK 57 mm	10040057	1,20	56,4–57,6	–	54,7–57,5
65	2 1/2"	fitting TK 2 1/2"	10040007	2,67	75,7–76,6	75,0–75,7	72,0–76,6



AGA fittings type WOK

DN	Size	Item	Item no	Weight (kg)	For steel pipe conforming to PN-EN 10255 with outer diameter (mm)	For PE pipe conforming to PN-EN 12201 with outer diameter (mm)	Theoretical maximum application range for pipe diameter (mm)
15	1/2"	fitting WOK 1/2"	10070001	0,32	21,0–21,8	20,0–20,5	19,3–22,0
20	3/4"	fitting WOK 3/4"	10070002	0,41	26,5–27,3	25,0–25,5	24,3–27,5
25	1"	fitting WOK 1"	10070003	0,54	33,3–34,2	32,0–32,5	31,2–34,4



AGA fittings type TOK

DN	Size	Item	Item no	Weight (kg)	For steel pipe conforming to PN-EN 10255 with outer diameter (mm)	For PE pipe conforming to PN-EN 12201 with outer diameter (mm)	Theoretical maximum application range for pipe diameter (mm)
15	1/2"	fitting TOK 1/2"	10050001	0,41	21,0–21,8	20,0–20,5	19,3–22,0
20	3/4"	fitting TOK 3/4"	10050002	0,53	26,5–27,3	25,0–25,5	24,3–27,5
25	1"	fitting TOK 1"	10050003	0,71	33,3–34,2	32,0–32,5	31,2–34,4



AGA fittings type KK (plug)

DN	Size	Item	Item no	Weight (kg)	For steel pipe conforming to PN-EN 10255 with outer diameter (mm)	For PE pipe conforming to PN-EN 12201 with outer diameter (mm)	Theoretical maximum application range for pipe diameter (mm)
15	1/2"	fitting KK 1/2"	10060001	0,171	21,0–21,8	20,0–20,5	19,3–22,0
20	3/4"	fitting KK 3/4"	10060002	0,23	26,5–27,3	25,0–25,5	24,3–27,5
25	1"	fitting KK 1"	10060003	0,29	33,3–34,2	32,0–32,5	31,2–34,4

AGA Sealing and Tapping-and-Sealing Clamps:

OBA two-part clamp with sealing sleeve;

OBD two-part clamp with sealing sleeve and outlet with female thread.

AGA clamps are used for sealing and repairs of damaged water installations and AGA OBD clamps are used for extending water installations with maximum operating pressure of 16 bar.

Maximum operating temperature 80°C.

Componets of AGA clamps:

- top and bottom part of clamp – black malleable iron;
- sealing sleeve – EPDM rubber;
- connecting screws – carbon steel.



AGA clamps type OBA



DN	Size	Item	Item no	Weight (kg)	For steel pipe conforming to PN-EN 10255 with outer diaeter (mm)	Theoretical maximum application range for pipe diameter (mm)
10	3/8"	clamp OBA 3/8"	11010010	0,34	16,7–17,5	16,7–17,5
15	1/2"	clamp OBA 1/2"	11010001	0,33	21,0–21,8	21,0–21,8
20	3/4"	clamp OBA 3/4"	11010002	0,40	26,5–27,3	26,5–27,3
25	1"	clamp OBA 1"	11010003	0,47	33,3–34,2	33,3–34,2
32	1 1/4"	clamp OBA 1 1/4"	11010004	0,71	42,0–42,9	42,0–42,9
40	1 1/2"	clamp OBA 1 1/2"	11010005	1,09	47,9–48,8	47,9–48,8
50	2"	clamp OBA 2"	11010006	1,34	59,7–60,8	59,7–60,8
65	2 1/2"	clamp OBA 2 1/2"	11010007	2,15	75,7–76,6	75,7–76,6
80	3"	clamp OBA 3"	11010008	2,60	88,0–89,5	88,0–89,5
100	4"	clamp OBA 4"	11010009	4,10	113,1–115,0	113,1–115,0

AGA clamps type OBD



DN	Size	Item	Item no	Weight (kg)	For steel pipe conforming to PN-EN 10255 with outer diaeter (mm)	Theoretical maximum application range for pipe diameter (mm)
15	1/2"	clamp OBD 1/2" x 1/2"	12010010	0,36	21,0–21,8	21,0–21,8
20	3/4"	clamp OBD 3/4" x 1/2"	12010020	0,44	26,5–27,3	26,5–27,3
25	1"	clamp OBD 1" x 1/2"	12010030	0,51	33,3–34,2	33,3–34,2
25	1"	clamp OBD 1" x 3/4"	12010031	0,52	33,3–34,2	33,3–34,2
32	1 1/4"	clamp OBD 1 1/4" x 3/4"	12010040	0,75	42,0–42,9	42,0–42,9
32	1 1/4"	clamp OBD 1 1/4" x 1"	12010041	0,78	42,0–42,9	42,0–42,9
40	1 1/2"	clamp OBD 1 1/2" x 3/4"	12010050	0,98	47,9–48,8	47,9–48,8
40	1 1/2"	clamp OBD 1 1/2" x 1"	12010051	1,00	47,9–48,8	47,9–48,8
40	1 1/2"	clamp OBD 1 1/2" x 1 1/4"	12010052	1,10	47,9–48,8	47,9–48,8
50	2"	clamp OBD 2" x 1"	12010060	1,40	59,7–60,8	59,7–60,8
50	2"	clamp OBD 2" x 1 1/4"	12010061	1,39	59,7–60,8	59,7–60,8
65	2 1/2"	clamp OBD 2 1/2" x 1"	12010070	2,10	75,3–76,6	75,3–76,6
65	2 1/2"	clamp OBD 2 1/2" x 1 1/2"	12010071	2,25	75,3–76,6	75,3–76,6
65	2 1/2"	clamp OBD 2 1/2" x 1 1/4"	12010072	2,12	75,3–76,6	75,3–76,6
80	3"	clamp OBD 3"x1"	12010080	2,70	88,0–89,5	88,0–89,5
80	3"	clamp OBD 3" x1 1/4"	12010082	2,30	88,0–89,5	88,0–89,5
80	3"	clamp OBD 3" x1 1/2"	12010083	2,30	88,0–89,5	88,0–89,5
80	3"	clamp OBD 3" x 2"	12010081	2,80	88,0–89,5	88,0–89,5
100	4"	clamp OBD 4" x 1 1/4"	12010092	3,65	113,1–115,0	113,1–115,0
100	4"	clamp OBD 4" x 1 1/2"	12010091	3,58	113,1–115,0	113,1–115,0
100	4"	clamp OBD 4" x 2"	12010090	3,58	113,1–115,0	113,1–115,0

AGA Universal Flange Fittings:

- AK** fittings with a flange joint for plain-ended pipe on one side and male thread on the other;
IK fittings with a flange joint for plain-ended pipe on one side and female thread on the other;
OK fittings with flange joints for plain-ended pipes on both sides;
TK fittings with flange joints for plain-ended pipes on two sides and a 90° outlet with female thread.

AGA fittings with flange joints are used for sealing and repairs of damaged water installations, extending them and building new installations with maximum operating pressure of 16 bar.

AGA fittings with flange joints are used for connecting steel and other pipes with outer diameters within the theoretical range shown in tables below.

Maximum operating temperature 80°C.

Components of AGA fittings:

- sleeve and flange – black malleable iron;
- compression ring – galvanized carbon steel;
- washer – galvanized carbon steel;
- sealing ring – NBR rubber.



AGA fittings with flange joints type AK

DN	Size	Item	Item no	Weight (kg)	For steel pipe conforming to PN-EN 10255 with outer diameter (mm)	Theoretical maximum application range for pipe diameter (mm)
65	2 1/2"	fitting AK 2 1/2"	10010017	3,10	75,3–76,6	74,5–76,8
–	70 x 2 1/2"	fitting AK 70 mm	10010070	3,68	68,7–71,3	67,0–72,0
80	3"	fitting AK 3"	10010018	4,40	88,0–89,5	87,5–90,0
100	4"	fitting AK 4"	10010019	5,65	113,1–115,0	112,9–115,1



AGA fittings with flange joints type IK

DN	Size	Item	Item no	Weight (kg)	For steel pipe conforming to PN-EN 10255 with outer diameter (mm)	Theoretical maximum application range for pipe diameter (mm)
65	2 1/2"	fitting IK 2 1/2"	10020017	3,30	75,3–76,6	74,5–76,8
–	70 x 2 1/2"	fitting IK 70 mm	10020070	3,74	68,7–71,3	67,0–72,0
80	3"	fitting IK 3"	10020018	4,40	88,0–89,5	87,5–90,0
100	4"	fitting IK 4"	10020019	5,75	113,1–115,0	112,9–115,1



AGA fittings with flange joints type OK

DN	Size	Item	Item no	Weight (kg)	For steel pipe conforming to PN-EN 10255 with outer diameter (mm)	Theoretical maximum application range for pipe diameter (mm)
65	2½"	fitting OK 2½"	10030017	5,15	75,3–76,6	74,5–76,8
–	70 x 2½"	fitting OK 70 mm	10030070	5,85	68,7–71,3	67,0–72,0
80	3"	fitting OK 3"	10030018	6,00	88,0–89,5	87,5–90,0
100	4"	fitting AK 4"	10030019	8,00	113,1–115,0	112,9–115,1

AGA fittings with flange joints type TK

DN	Size	Item	Item no	Weight (kg)	For steel pipe conforming to PN-EN 10255 with outer diameter (mm)	Theoretical maximum application range for pipe diameter (mm)
65	2½"	fitting TK 2½"	10040017	56,10	75,3–76,6	74,5–76,8
–	70 x 2½"	fitting TK 70 mm	10040070	7,04	68,7–71,3	67,0–72,0
80	3"	fitting TK 3"	10040018	7,30	88,0–89,5	87,5–90,0
100	4"	fitting TK 4"	10040019	9,25	113,1–115,0	112,9–115,1





photographs: Grzegorz Szmulski

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