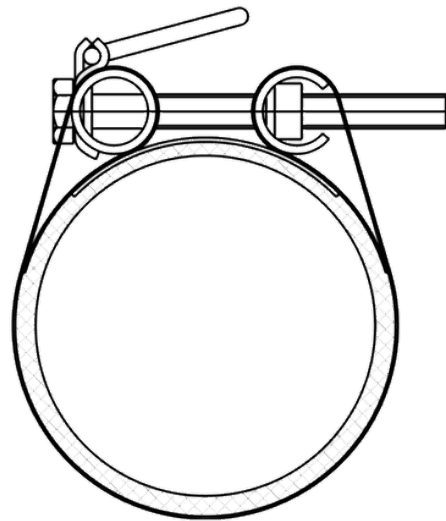


FRIACLAMP stainless steel repair clamp, one-piece

One-piece repair clamp for sealing damaged gas and water pipes made of different materials (steel, cast iron, ductile iron, asbestos cement, PVC).

- Special gasket design for a secure sealing of tapping holes, cracks and corrosion damage
- Body, closure, bolts and nuts made of stainless steel
- Gasket material EPDM or NBR



Gasket EPDM, DIN-EN 681-1 / KTW / UBA / DVGW-W270

PFA/PN water see diagram, maximum = 16 bar

Reference	d	PN	Fittinglength	BX	PU	SW	Weight kg
391-044-200	44-48	16	200	10	320	17	1,410
391-044-300	44-48	16	300	10	240	17	2,140
391-048-200	48-52	16	200	10	320	17	1,440
391-048-300	48-52	16	300	10	240	17	2,190
391-054-200	54-58	16	200	10	320	17	1,480
391-054-300	54-58	16	300	10	240	17	2,250
391-060-200	60-67	16	200	10	320	17	1,530
391-060-300	60-67	16	300	10	240	17	2,330
391-070-200	70-77	16	200	9	288	17	1,610
391-070-300	70-77	16	300	9	216	17	2,440
391-075-200	75-83	16	200	9	288	17	1,650
391-075-300	75-83	16	300	9	216	17	2,500

FRIACLAMP stainless steel repair clamp, one-piece

Reference	d	PN	Fittinglength	BX	PU	SW	Weight kg
391-082-200	82-89	16	200	9	288	17	1,710
391-082-300	82-89	16	300	9	216	17	2,580
391-082-400	82-89	16	400	9	96	17	3,450
391-087-200	87-95	16	200	9	288	17	1,740
391-087-300	87-95	16	300	9	216	17	2,650
391-087-400	87-95	16	400	9	96	17	3,520
391-088-200	88-98	16	200	8	256	17	1,760
391-088-300	88-98	16	300	8	192	17	2,670
391-095-200	95-104	16	200	6	192	17	1,830
391-095-300	95-104	16	300	6	144	17	2,870
391-095-400	95-104	16	400	6	96	17	3,820
391-108-200	108-118	16	200	6	144	17	1,910
391-108-300	108-118	16	300	6	144	17	3,020
391-108-400	108-118	16	400	6	96	17	4,020
391-113-200	113-123	16	200	5	160	17	2,030
391-113-300	113-123	16	300	5	120	17	3,070
391-113-400	113-123	16	400	5	80	17	4,090
391-118-200	118-128	16	200	5	160	17	2,070
391-118-300	118-128	16	300	5	120	17	3,130
391-118-400	118-128	16	400	5	80	17	4,170
391-120-200	120-131	16	200	5	160	17	2,180
391-120-300	120-131	16	300	5	90	17	3,300
391-132-200	132-142	16	200	4	128	19	2,270
391-132-300	132-142	16	300	4	96	19	3,440
391-135-200	135-145	16	200	4	128	19	2,300
391-135-300	135-145	16	300	4	96	19	3,480
391-139-200	139-149	16	200	4	128	19	2,330
391-139-300	139-149	16	300	4	96	19	3,520
391-139-400	139-149	16	400	4	64	19	3,570
391-145-200	145-155	16	200	4	128	19	2,370
391-145-300	145-155	16	300	4	96	19	3,590
391-159-200	159-170	16	200	3	96	19	2,490
391-159-300	159-170	16	300	3	72	19	3,760
391-159-400	159-170	16	400	3	48	19	5,010
391-167-200	167-178	16	200	3	96	19	2,550
391-167-300	167-178	16	300	3	72	19	3,860

FRIACLAMP stainless steel repair clamp, one-piece

Reference	d	PN	Fittinglength	BX	PU	SW	Weight kg
391-167-400	167-178	16	400	3	48	19	5,140
391-176-200	176-187	16	200	3	96	19	3,120
391-176-300	176-187	16	300	3	72	19	4,730
391-176-400	176-187	16	400	3	48	19	6,310
391-193-200	193-203	10	200	1	36	19	3,270
391-193-300	193-203	10	300	1	36	19	4,950
391-215-200	215-225	10	200	1	32	19	3,470
391-215-300	215-225	10	300	1	24	19	5,250
391-215-400	215-225	10	400	1	16	19	7,000
391-228-300	228-239	10	300	1	24	19	5,420
391-240-300	240-250	10	300	1	24	19	5,650
391-261-300	261-271	10	300	1	24	19	5,930
391-269-300	269-280	10	300	1	24	19	6,040
391-280-300	280-291	10	300	1	24	19	6,190
391-315-300	315-325	10	300	1	24	19	6,650
391-320-300	320-330	10	300	1	24	19	6,720

Gasket NBR, DIN-EN 682

MOP gas maximum = 5 bar

Other water qualities see diagram, maximum = 16 bar

Reference	d	PN	Fittinglength	BX	PU	SW	Weight kg
381-044-200	44-48	5	200	10	320	17	1,410
381-048-200	48-52	5	200	10	320	17	1,440
381-048-300	48-52	5	300	10	240	17	2,190
381-054-200	54-58	5	200	10	320	17	1,480
381-054-300	54-58	5	300	10	240	17	2,250
381-060-200	60-67	5	200	10	320	17	1,530
381-060-300	60-67	5	300	10	240	17	2,330
381-070-200	70-77	5	200	9	288	17	1,610
381-075-200	75-83	5	200	9	288	17	1,650
381-075-300	75-83	5	300	9	216	17	2,500
381-082-200	82-89	5	200	9	288	17	1,710
381-082-300	82-89	5	300	9	216	17	2,580
381-087-200	87-95	5	200	9	288	17	1,740

FRIACLAMP stainless steel repair clamp, one-piece

Reference	d	PN	Fittinglength	BX	PU	SW	Weight kg
381-087-300	87-95	5	300	9	216	17	2,650
381-088-200	88-98	5	200	8	256	17	1,760
381-095-200	95-104	5	200	6	192	17	1,830
381-095-300	95-104	5	300	6	144	17	2,870
381-108-200	108-118	5	200	6	144	17	1,910
381-108-300	108-118	5	300	6	144	17	3,020
381-108-400	108-118	5	400	6	96	17	4,020
381-113-200	113-123	5	200	5	160	17	2,030
381-113-300	113-123	5	300	5	120	17	3,070
381-113-400	113-123	5	400	5	80	17	4,090
381-120-200	120-131	5	200	5	160	17	2,180
381-132-200	132-142	5	200	4	128	19	2,270
381-132-300	132-142	5	300	4	96	19	3,440
381-135-300	135-145	5	300	4	96	19	3,480
381-139-300	139-149	5	300	4	96	19	3,520
381-159-200	159-170	5	200	3	96	19	2,490
381-159-300	159-170	5	300	3	72	19	3,760
381-159-400	159-170	5	400	3	48	19	5,010
381-167-200	167-178	5	200	3	96	19	2,550
381-167-300	167-178	5	300	3	72	19	3,860
381-167-400	167-178	5	400	3	48	19	5,140
381-215-200	215-225	5	200	1	32	19	3,470
381-215-300	215-225	5	300	1	24	19	5,250
381-215-400	215-225	5	400	1	16	19	7,000
381-269-300	269-280	5	300	1	24	19	6,040
381-320-300	320-330	5	300	1	24	19	6,720



FRIACLAMP stainless steel repair clamp, one-piece

Areas of application

FRIACLAMP repair clamps for secure sealing of damaged pipes made of different materials (steel, cast iron, ductile iron, asbestos cement, PVC). Available from DN 40 to DN 300. Also available in two-piece design.

FRIACLAMP repair clamps can be used with the standard NBR gasket for gas, water and wastewater.

Processing instructions

FRIACLAMP can be used to reliably seal damaged pipes. The installation length of the repair clamp should be selected so that it corresponds at least to the outside diameter of the pipe to be repaired.

The pipe surfaces must be prepared in accordance with the general installation requirements (see FRIACLAMP installation instructions).

* Permissible operating pressure:

Gas: Permitted operating pressure 5 bar ($\leq$ DN 300).

Water: Permitted operating pressure:

$\leq$ DN 200 PN 16

$>$ DN 200 PN 10

$>$ DN 300 on request.

Good reasons for FRIACLAMP

- Quick locking System with Nuts and Bolts in V2A
- No welded parts
- Seal with large unique profile
- Dovetail-shaped sealing webs form sealing lips when pressed against the pipe surface
- Secure sealing even on corroded pipe surfaces
- No sharp edges
- No loose parts when opening the one-piece and two-piece repair clamps enable time-saving installation
- Movable handle ensures easy installation with minimum installation space requirements
- Optimized locking mechanism ensures defined pretensioning of each bolt
- Assembly possible with standard tools