



PRO AQUA

BRASS FITTINGS & VALVES

PRODUCT RANGE

Axial fittings Pro Aqua for SDR 7.4 PE-X and PE-RT pipes

Axial fittings (with compression sleeve) PRO AQUA are designed to connect PE-X and PE-RT polymer pipes S3.2 (SDR 7.4) series (according to EN ISO 15875, EN ISO 22391) used in cold and hot water supply systems, water heating systems, including surface heating systems and snow melting system. They are made of corrosion resistant brass CW617N. Tightness of junction is achieved by pressing the pipe wall to the fitting with the compression sleeve.

Advantages:

- high reliability,
- ease and speed of installation;
- it is allowed to embed threadless intergal fittings in building structures;
- no rubber seal rings
- ready to work and testing immediately after installation;
- minimal pressure losses due to increased flow section;
- general-purpose fittings for drinking water supply and heating;
- jointing with a special tool Pro Aqua;
- fittings may be dismantled and reused, if necessary;

Technical specifications:

- maximum operating temperature – 90 °C;
- maximum pressure – 10 bar;
- service life – min 50 years, for all classes of operation



PE-Xa Pipe with oxygen barrier EVOH Standard: SDR 7.4 (S 3.2 Series)

Technical specifications:

- maximum operating temperature – 90 °C;
- maximum pressure – 10 bar;
- service life – min 50 years, for all classes of operation

Size, De×s, mm	Lenght	Code
16 x 2,2	120	PXA.04.06.120.S
16 x 2,2	240	PXA.04.06.240.S
16 x 2,2	500	PXA.04.06.500.S
20 x 2,8	120	PXA.04.08.120.S
25 x 3,5	50	PXA.04.10.050.S
32 x 4,4	50	PXA.04.12.050.S
40 x 5,5	50	PXA.04.14.050.S



Sleeve

Size	Code
16	AX10016ST
20	AX10020ST
25	AX10025
32	AX10032
40	AX10040

Sleeve

Size	Code
16	AX10016
20	AX10020

Coupling

Size	Code
16 x 16	AX11016
20 x 20	AX11020
25 x 25	AX11025
32 x 32	AX11032
40 x 40	AX11040

Reducing coupling

Size	Code
16 x 20	AX101620
16 x 25	AX102516
20 x 25	AX102520
25 x 32	AX103225
25 x 40	AX102540
32 x 40	AX103240

Coupling M

Size	Code
16 x 1/2"	AX1701612
16 x 3/4"	AX1701634
20 x 1/2"	AX1702012
20 x 3/4"	AX1702034
25 x 1/2"	AX1702512
25 x 1"	AX1702501
25 x 3/4"	AX1702534
32 x 1"	AX1703201
32 x 3/4"	AX1703234
40 x 1 1/4"	AX17040114

Coupling F

Size	Code
16 x 1/2"	AX1801612
16 x 3/4"	AX1801634
20 x 1/2"	AX1802012
20 x 3/4"	AX1802034
25 x 3/4"	AX1802534
25 x 1"	AX1802501
32 x 1"	AX1803201



Elbow 90° M

Size	Code
16 x 1/2"	AX3301612
16 x 3/4"	AX3301634
20 x 1/2"	AX3302012
20 x 3/4"	AX3302034
25 x 3/4"	AX3302534
32 x 1"	AX3303201



Elbow 90° with wall mount

Size	Code
16 x 1/2"	AX5001612
20 x 1/2"	AX5002012



Elbow 90° F

Size	Code
16 x 1/2"	AX3501612
16 x 3/4"	AX3501634
20 x 1/2"	AX3502012
20 x 3/4"	AX3502034
25 x 3/4"	AX3502534
32 x 1"	AX3503201



Elbow 90° with union nut

Size	Code
16 x 1/2"	AX3501612NG
20 x 1/2"	AX3502012NG
20 x 3/4"	AX3502034NG
25 x 3/4"	AX3502534NG



Elbow 90°

Size	Code
16 x 16	AX3009016
20 x 20	AX3009020
25 x 25	AX3009025
32 x 32	AX3009032
40 x 40	AX3009040



Coupling with union nut

Size	Code
16 x 1/2"	AX6001612
16 x 3/4"	AX6001634
20 x 1/2"	AX6002012
20 x 3/4"	AX6002034
25 x 3/4"	AX6002534
32 x 1"	AX6003201
40 x 1 1/2"	AX60040112



Coupling with union nut Eurocone

Size	Code
16 x 1/2"	AX3501612
16 x 3/4"	AX3501634
20 x 1/2"	AX3502012
20 x 3/4"	AX3502034
25 x 3/4"	AX3502534
32 x 1"	AX3503201



Tee

Size	Code
16 x 1/2"	AX3501612
16 x 3/4"	AX3501634
20 x 1/2"	AX3502012
20 x 3/4"	AX3502034
25 x 3/4"	AX3502534
32 x 1"	AX3503201



Tee F

Size	Code
16 x 1/2" x 16	AX9161216
20 x 1/2" x 20	AX9201220

Reducing tee

Size	Code
16 x 20 x 16	AX8162016
20 x 16 x 20	AX8201620
20 x 20 x 16	AX8202016
20 x 25 x 20	AX8202520
20 x 16 x 16	AX8201616
20 x 25 x 16	AX8202516
25 x 16 x 16	AX8251616
25 x 16 x 25	AX8251625
25 x 20 x 16	AX8252016
25 x 20 x 20	AX8252020
25 x 20 x 25	AX8252025
25 x 25 x 16	AX8252516
25 x 25 x 20	AX8252520
25 x 32 x 25	AX8253225
25 x 20 x 32	AX8322025
25 x 25 x 32	AX8322525
25 x 16 x 20	AX8251620
32 x 16 x 32	AX8321632
32 x 20 x 32	AX8322032
32 x 25 x 32	AX8322532
40 x 20 x 40	AX8402040
40 x 25 x 40	AX8402540
40 x 32 x 32	AX8403232
40 x 32 x 40	AX8403240



Long elbow with wall mount

Size	Code
16 x 1/2"	AX5001612L



Union connector G3/4-15

Size	Code
15x3/4"	AX415134



Union connectors

Size	Code
16x2,2	AX411622E
20x2,8	AX412028E



Manual expand and pressing tool

Size	Code
16 x 2,2; 20 x 2,8; 25 x 3,5; 32 x 4,4	AXTOOL-1632



L-type radiator tube

Size	Code
250 x 16	AX716250
300 x 16	AX716300
500 x 16	AX716500
750 x 16	AX716750
1000 x 16	AX7161000
250 x 20	AX720250
300 x 20	AX720300
500 x 20	AX720500
750 x 20	AX720750
1000 x 20	AX7201000



T-type radiator tube

Size	Code
250 x 16	AX416250
300 x 16	AX416300
500 x 16	AX416500
750 x 16	AX416750
1000 x 16	AX4161000
250 x 20	AX420250
300 x 20	AX420300
500 x 20	AX420500
750 x 20	AX420750
1000 x 20	AX4201000

PPSU fittings

Technical specifications:

- maximum operating temperature – 90 °C;
- maximum pressure – 10 bar;
- service life – min 50 years, for all classes of operation



Sleeve PVDF

Size	Code
16	AXP.100.16.E
20	AXP.100.20.E
25	AXP.100.25.E



Coupling

Size	Code
16×16	AXP.120.16
20×20	AXP.120.20
25	AXP.100.25.E



Reducing coupling

Size	Code
16×20	AXP.130.1620
20×25	AXP.130.1625
25	AXP.100.25.E



Elbow

Size	Code
16×20	AXP.130.1620
20×25	AXP.130.1625
25	AXP.100.25.E



Tee

Size	Code
16×16×16	AXP.320.16
20×20×20	AXP.320.20

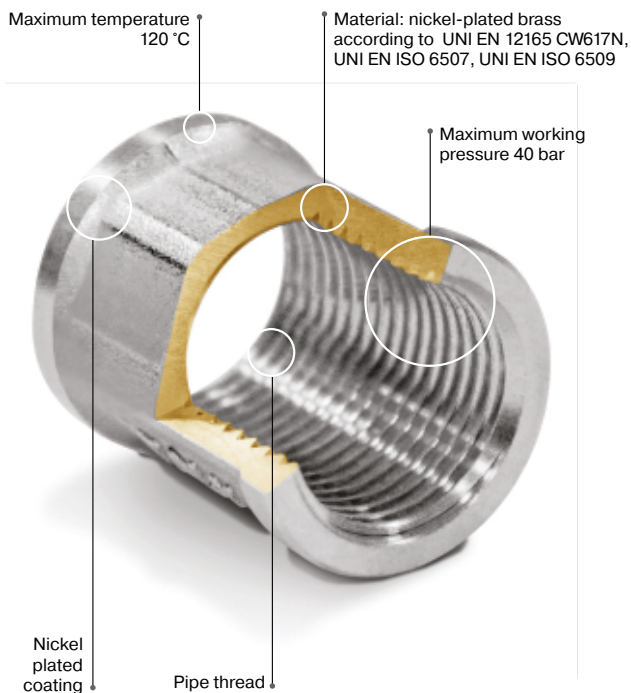


Reducing tee

Size	Code
16×20×16	AXP.330.162016
20×16×16	AXP.330.201616
20×16×20	AXP.330.201620
20×20×16	AXP.330.202016

Brass threaded fittings PRO AQUA

Socket (Fitting in sectional view)



Brass threaded fittings are used to create detachable connections on steel, copper metalopolymer pipelines and other fittings having a cylindrical pipe thread. Fittings made of brass CW 617 N, passed sandblasting and nickel plated.

To make installation easier while using flax or paste, all fittings have special notches on the male threads to create a stronger connection.



Socket

Size	Code
1/2 x 1/2	01-f15-f15x
3/4 x 3/4	01-f20-f20x
1	01-f25-f25x
1 1/4	01-f32-f32x
1 1/2	01-f40-f40x
2	01-f50-f50x



Reducing socket

Size	Code
1/2 x 3/8	01-f15-f10x
3/4 x 1/4	01-f20-f6x
3/4 x 1/2	01-f20-f15x
1 x 1/2	01-f25-f15x
1 x 3/4	01-f25-f20x
1 1/4 x 1/2	01-f32-f15x
1 1/4 x 3/4	01-f32-f20x
1 1/4 x 1	01-f32-f25x
1 1/2 x 1	01-f40-f25x
1 1/2 x 1 1/4	01-f40-f32x
2 x 1	01-f50-f25x
2 x 1 1/4	01-f50-f32x
2 x 1 1/2	01-f50-f40x



Cap M

Size	Code
1/4	09-m6x
3/8	09-m10x
1/2	09-m15x
3/4	09-m20x
1	09-m25x
1 1/4	09-m32x
1 1/2	09-m40x
2	09-m50x



Cap F

Size	Code
3/8	09-f10x
1/2	09-f15x
3/4	09-f20x
1	09-f25x
1 1/4	09-f32x
1 1/2	09-f40x
2	09-f50x

Nipple

Size	Code
3/8	06-m10-m10x
1/2 x 1/2	06-m15-m15x
3/4 x 3/4	06-m20-m20x
1 x 1	06-m25-m25x
1 1/4 x 1 1/4	06-m32-m32x
1 1/2 x 1 1/2	06-m40-m40x
2 x 2	06-m50-m50x

Reducing nipple

Size	Code	Size	Code
3/8 x 1/4	06-m10-m6x	1 1/4 x 3/4	06-m32-m20x
1/2 x 1/4	06-m15-m6x	1 1/4 x 1	06-M32-M25x
1/2 x 3/8	06-m15-m10x	1 1/2 x 3/4	06-m40-m20x
1/2 x 3/4	06-m20-m15x	1 1/2 x 1/2	06-m40-m15x
1/2 x 1	06-m25-m15x	1 1/2 x 1	06-m40-m25x
1 x 3/4	06-m25-m20x	2 x 1	06-m50-m25x
1 1/4 x 1	06-m32-m25x	2 x 1 1/4	06-m50-m32x
1 1/4 x 1/2	06-m32-m15x	2 x 1 1/2	06-m50-m40x

Nipple with "Eurocone" transition

Size	Code
1/2 x 3/4E	21-m15m20xe

Extension F/M

Size	Code
1/4 x 1/2	08-m6-f15x
3/8 x 1/2	08-m10-f15x
1/2 x 3/4	08-m15-f20x
1/2 x 1	08-m15-f25x
1/2 x 1 1/4	08-m15-f32x
3/4 x 1	08-m20-f25x
3/4 x 1 1/4	08-m20-f32x
1 x 1 1/4	08-m25-f32x
1 x 1 1/2	08-m25-f40x
2 x 1	08-m25-f50x
1 1/2 x 1 1/4	08-m32-f40x
2 x 1 1/4	08-m32-f50x
1 1/2 x 2	08-m40-f50x

Hexagonal reducing bush

Size	Code	Size	Code
3/8 x 1/4	05-m10-f6x	1 1/2 x 1/2	05-m40-f15x
1/2 x 1/4	05-m15-f7x	1 1/2 x 3/4	05-m40-f20x
1/2 x 3/8	05-m15-f10x	1-1/2 x 1	05-m40-f25x
3/4 x 3/8	05-m20-f10x	1 1/2 x 1 1/4	05-m40-f32x
3/4 x 1/2	05-m20-f15x	2 x 1/2	05-m50-f15x
1 x 1/2	05-m25-f15x	2 x 3/4	05-m50-f20x
1 x 3/4	05-m25-f20x	2 x 1	05-m50-f25x
1 1/4 x 1/2	05-m32-f15x	2 x 1 1/4	05-m50-f32x
1 1/4 x 3/4	05-m32-f20x	2 x 1 1/2	05-m50-f40x
1 1/4 x 1	05-m32-f25x		

Chrome-plated extension F/M



Size	Code	Size	Code
1/2" x 10	07-m15-f10cr	1/2" x 70	07-m15-f70cr
1/2" x 15	07-m15-f15cr	1/2" x 80	07-m15-f80cr
1/2" x 20	07-m15-f20cr	1/2" x 100	07-m15-f100cr
1/2" x 25	07-m15-f25cr	3/4" x 15	07-m20-f015cr
1/2" x 30	07-m15-f30cr	3/4" x 20	07-m20-f020cr
1/2" x 40	07-m15-f40cr	3/4" x 25	07-m20-f025cr
1/2" x 50	07-m15-f50cr	3/4" x 30	07-m20-f030cr
1/2" x 60	07-m15-f60cr	3/4" x 40	07-m20-f040cr

Extension F/M



Size	Code
1/2" x 10	07-m15-f10x
1/2" x 15	07-m15-f15x
1/2" x 20	07-m15-f20x
1/2" x 25	07-m15-f25x
1/2" x 30	07-m15-f30x
1/2" x 40	07-m15-f40x
1/2" x 50	07-m15-f50x

Elbow M



Size	Code
1/2 x 1/2	02-m15-m15x
3/4 x 3/4	02-m20-m20x
1 x 1	02-m25-m25x

Elbow F



Size	Code
1/2 x 1/2	02-f15-f15x
3/4 x 3/4	02-f20-f20x
1	02-f25-f25x
1 1/4	02-f32-f32x
1 1/2	02-f40-f40x
2	02-f50-f50x

Elbow F/M



Size	Code
1/2 x 1/2	02-m15-f15x
3/4 x 3/4	02-m15-f20x
1 x 1	02-m15-f25x
1 1/4	02-m15-f32x
1 1/2	02-m15-f40x
2	02-m15-f50x



Wall-plate elbow

Size	Code
1/2	02-f15-f15wp



Tee F

Size	Code
1/2	03-f15-f15-f15x
3/4	03-f20-f20-f20x
1	03-f25-f25-f25x
1 1/4	03-f32-f32-f32x
1 1/2	03-f40-f40-f40x
2	03-f50-f50-f50x



Reducing Tee

Size	Code
1/2 x 3/4 x 1/2	03-f15-f20-f15x
3/4 x 1/2 x 3/4	03-f20-f15-f20x
1 x 1/2 x 1	03-f25-f15-f25x
1 x 3/4 x 1	03-f25-f20-f25x
1 1/4 x 1/2 x 1 1/4	03-f32-f15-f32x
1 1/4 x 3/4 x 1 1/4	03-f32-f20-f32x
1 1/4 x 1 x 1 1/4	03-f32-f25-f32x



Tee M

Size	Code
1/2	03-m15-m15-m15x
3/4	03-m20-m20-m20x
1	03-m25-m25-m25x



Tee for collector M

Size	Code
3/4	17-m20-f15-f10x
1	17-m25-f15-f10x



Cross F

Size	Code
1/2	13-f15x
3/4	13-f20x
1	13-f25x



Backnut

Size	Code
1/2	15-f15x
3/4	15-f20x
1	15-f25x
1 1/4	15-f32x
1 1/2	15-f40x
2	15-f50x



Straight union M/F

Size	Code
1/2	10-m15-f15x
3/4	10-m20-f20x
1	10-m25-f25x
1 1/4	10-m32-f32x
1 1/2	10-m40-f40x
2	10-m50-f50x



Straight union F

Size	Code
1/2 x 1/2	20-f15-f15x
3/4 x 3/4	20-f20-f20x
1 x 1	20-f25-f25x
1 1/4 x 1 1/4	20-f32-f32x



Chrome-plated straight union

Size	Code
1 x 1	20-f25-f15cr



Straight union M

Size	Code
1/2 x 1/2	20-m15-m15x
3/4 x 3/4	20-m20-m20x



Elbow union M/F

Size	Code
1/2	11-m15-f15x
3/4	11-m20-f20x
1	11-m25-f25x
1 1/4	11-m32-f32x
1 1/2	11-m40-f40x
2	11-m50-f50x



Hose adaptor M

Size	Code
1/2" x 10	16-m15-10x
1/2" x 12	16-m15-12x
1/2" x 14	16-m15-14x
1/2" x 16	16-m15-16x
1/2" x 18	16-m15-18x
1/2" x 20	16-m15-20x
3/4" x 20	16-m20-20x



Hose adaptor F

Size	Code
1/2" x 20	16-f15-20x
3/4" x 20	16-f20-20x



Eccentric connector

Size	Code
3/4 x 1/2	19-m15-m20x



Reducer for connection temperature sensor

Size	Code
M10 x 1/2"	22-m15x
M10 x 3/4"	22-m20x



Water meter coupling with nut for tamper seal wire

Size	Code
1/2 x 3/4	18-m15x
3/4 x 1	18-m20x



ProAqua Fittings

Produced with high quality Polypropylene Random Copolymer (Type-3 polypropylene) raw material. Brass inserts of fittings are manufactured internally.

Specifications:

- Maximum working temperature: 95 °C
- Gasket material: EPDM
- Material of inserts: brass CW617N
- Thread type: inch
- Diameters: from 20 to 160 mm
- Color options: white, beige, green
- Produced according to EN ISO 15874 norms
- All products are insured.

Coupling screw joint female



Diameter, mm	Quantity per Box/bag	Code
20x1/2"	150/25	PA20008
20x3/4"	70/5	PA20010
20x1"	50/5	PA20011
25x1/2"	60/10	PA20012
25x3/4"	75/5	PA20014
25x1"	50/10	PA20015
32x3/4"	50/10	PA20016
32x1"	50/10	PA20018
32x1 1/4"	20/5	PA20019
40x1 1/4"	30/6	PA20020
50x1 1/2"	20/4	PA20022
63x2"	8/2	PA20024
75x2 1/2"	5/1	PA20026

Coupling screw joint male



Diameter, mm	Quantity per Box/bag	Code
20x1/2"	125/25	PA21008
20x3/4"	60/10	PA21010
20x1"	40/5	PA21011
25x1/2"	50/10	PA21012
25x3/4"	65/5	PA21014
25x1"	40/10	PA21015
32x3/4"	40/10	PA21016
32x1"	50/10	PA21018
32x1 1/4"	20/5	PA21019
40x1 1/4"	25/5	PA21020
50x1 1/2"	16/4	PA21022
63x2"	8/2	PA21024
75x2 1/2"	5/1	PA20026

Coupling with loose nut



Diameter, mm	Quantity per Box/bag	Code
20x1/2"	160/4	PA29008
20x3/4"	160/4	PA29010
25x3/4"	100/20	PA29014
25x1"	100/2	PA29015
32x1"	60/2	PA29018
32x1 1/4"	60/5	PA29019

Nipple with loose nut



Diameter, mm	Quantity per Box/bag	Code
20x3/4"	250/50	PA70010
25x1/2"	160/40	PA70012
25x1"	160/40	PA70014
32x1 1/4"	75/25	PA70016



Coupling with nut

Diameter, mm	Quantity per Box/bag	Code
20x3/4"	140/20	PA72008
25x1"	80/20	PA72010
32x1 1/4"	40/10	PA72012



Elbow 90° female

Diameter, mm	Quantity per Box/bag	Code
20x1/2"	150/10	PA26008
20x3/4"	120/10	PA26010
25x1/2"	100/10	PA26012
25x3/4"	100/10	PA26014
32x1/2"	50/10	PA26016
32x3/4"	50/10	PA26015
32x1"	50/10	PA26018



Elbow 90° male

Diameter, mm	Quantity per Box/bag	Code
20x1/2"	150/10	PA27008
20x3/4"	100/10	PA27010
25x1/2"	100/10	PA27012
25x3/4"	100/10	PA27014
32x1/2"	50/10	PA27015
32x3/4"	40/10	PA27016
32x1"	40/10	PA27018



Elbow with loose nut

Diameter, mm	Quantity per Box/bag	Code
20x1/2"	100/1	PA29208
20x3/4"	80/1	PA29210
25x3/4"	100/20	PA29214
25x1"	40/10	PA29215
32x1"	40/10	PA29218
32x1 1/4"	40/10	PA29219



PP-R Eurocone

Diameter, mm	Quantity per Box/bag	Code
20	160/40	PA75010



PP-R – PEX transition piece

Diameter, mm	Quantity per Box/bag	Code
20	160/4	PA76008

Semifinished goods



Insert with internal thread

Size	Code
1/2"	B_745301
3/4"	B_759201
1"	PLAL0131
1 1/4"	PLAL0140
1 1/2"	PLAL0150
2"	PLAL0160



Insert with external thread

Size	Code
1/2"	B_745501
3/4"	B_745601
1"	PLAL0231
1"	PLAL0236
1 1/4"	PLAL0240
1 1/2"	PLAL0250
2"	PLAL0260



Ball for ball valve

Size	Code
1/2"	102.0001
3/4"	102.0005
1"	102.0006
1 1/4"	102.0007
1 1/2"	102.0008
2"	102.0009



Stem for ball valves

Size	Code
27,5 mm	101.0001
32 mm	101.0002
37,4 mm	101.0003
47,5 mm	101.0010

PRO AQUA
BRASS FITTINGS & VALVES

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