

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

Axial fittings (with sliding 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 sliding sleeve.

## Advantages:

- high reliability;
- easy and quick installation;
- allowed to embed threadless 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;



## 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 – more than 50 years, for all classes of operation

Size, De x s, mm	Pressure			Code
	class 2	class 4	class 5	
16 x 2,2 100 m	10 bar	10 bar	10 bar	PXA.04.06.120.S
16 x 2,2 240 m	10 bar	10 bar	10 bar	PXA.04.06.240.S
16 x 2,2 500 m	10 bar	10 bar	10 bar	PXA.04.06.500.S
20 x 2,8 120 m	10 bar	10 bar	10 bar	PXA.04.08.120.S
25 x 3,5 50 m	10 bar	10 bar	10 bar	PXA.04.10.050.S
32 x 4,4 50 m	10 bar	10 bar	10 bar	PXA.04.12.050.S
40 x 5,5 50 m	10 bar	10 bar	10 bar	PXA.04.14.050.S



## PE-RT Pipe Standard: SDR 7.4 (S 3.2 Series)

### Technical specifications:

- maximum operating temp. – 90 °C;
- maximum pressure – 10 bar;
- service life – more than 50 years, for all classes of operation
- better choice for drinkable hot water installations!

Size, De x s, mm	Pressure			Code
	class 2	class 4	class 5	
16 x 2,2 100 m	10 bar	10 bar	8 bar	PERT1S7416100
16 x 2,2 200 m	10 bar	10 bar	8 bar	PERT1S7416200
16 x 2,2 300 m	10 bar	10 bar	8 bar	PERT1S7416300
16 x 2,2 600 m	10 bar	10 bar	8 bar	PERT1S7416600
20 x 2,8 100 m	10 bar	10 bar	8 bar	PERT1S7420100
20 x 2,8 200 m	10 bar	10 bar	8 bar	PERT1S7420200
25 x 3,5 50 m	10 bar	10 bar	8 bar	PERT1S7425050
25 x 3,5 100 m	10 bar	10 bar	8 bar	PERT1S7425100
32 x 4,4 50 m	10 bar	10 bar	8 bar	PERT1S7432050



proaquasystems.com

Contact details



**PRO AQUA**<sup>®</sup>  
PIPE SYSTEMS SINCE 1997

**Axial fittings**

**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 3/4"	AX6001634.EK
20 x 3/4"	AX6002034.EK

**Tee**

Size	Code
16 x 16 x 16	AX20016
20 x 20 x 20	AX20020
25 x 25 x 25	AX20025
32 x 32 x 32	AX20032
40 x 40 x 40	AX20040

**Tee F**

Size	Code
16 x 1/2" x 16	AX9161216
20 x 1/2" x 20	AX9201220
25 x 3/4" x 25	AX9253425

**Eurocone flat seal adapter**

Size	Code
3/4	AXB.650.EK

**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
250 x 20 x 16	AX42016250
250 x 16 x 20	AX41620250
250 x 25 x 20	AX42520250
250 x 20 x 25	AX42025250