

PRODUCT CATALOGUE



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ABOUT RIFENG

China Plastic Pipe Industry Pioneer

Established in 1996, RIFENG Enterprise Group Co. Ltd has been committed to developing high-quality and environmental-friendly piping products that cover plumbing, indoor climate, drainage, and gas applications etc. RIFENG first introduced the most advanced piping technologies and facilities from Europe in the 1990s, since then it has been pioneering China's plastic piping industry and has changed customers' mindsets of using galvanized pipes for plumbing.

RIFENG is passionate to provide customers with more hygienic and safe piping products all the time.

Global Supplier of Piping Systems

With over 5,000 employees and 9 manufacturing bases, RIFENG is increasingly taking an active role in the worldwide plastic piping market. The company has upgraded its product range from multilayer pipes to PEX, PP-R, PVC and brass hardware while also striving to provide professional systematic solutions.

As globalization speeds up, RIFENG has aspired to lay out a large worldwide sales network.

MILESTONE

		2010 Manifolds Facilities Launched Founded RIFENG brand for sanitary ware products	2013 PVC Drainage Production Line Launched New Production Bases Founded (Foshan)	2015 Developed to be an Enterprise Group The Fifth Production Bases Founded (Wuhan)
1996 Established in Foshan	2008 Top 1 Multilayer Pipe Supplier Worldwide KWD - globalpipe 2008 PP-R Product Became Available			2018 Subsidiaries established in the US and Indonesia
2002 Brass Hardware Facilities Launched	2012 Introduced unique PVC Conduit Marking Method as Industry Standard Upgraded Production Facilities, such as CNC Machine Center.		2014 New Production Bases Founded (Weinan, Huangshi) Annual Pipe Capacity Over a Billion Meters	

PROJECT REFERENCE

Plumbing System



Discovery Building
Location: Durban, South Africa
Project: Commercial
Year: 2017
Product: Multilayer plumbing system



The Radisson Port Elizabeth

Location: Durban, South Africa
Project: Hotel
Year: 2009
Product: Multilayer plumbing system



Torres Saqqara

Location: Monterrey, Mexico
Project: Residential
Year: 2011
Product: Multilayer plumbing system



Supreme Court of Azerbaijan
Location: Baku, Azerbaijan
Project: Public Building
Year: 2007
Product: Multilayer plumbing system



Donker-Utrecht
Location: Utrecht, Netherlands
Project: Public Building
Year: 2008
Product: Multilayer plumbing system



Green thinking house

Location: Tallin, Estonia
Project: Commercial
Year: 2018
Product: Multilayer plumbing system

PROJECT REFERENCE

Plumbing System



Capital International Airport (T3)
Location: Beijing, China
Project: Public Building
Year: 2008
Product: PP-R plumbing system



Flour Mill of Summer Hill
Location: Sydney, Australia
Project: Residential
Year: 2017
Product: PEX plumbing system



ACMP - Sede Plaza La Tiza
Location: Lima, Peru
Project: Residential
Year: 2017
Product: PP-R plumbing system



Aria Valencia Apartments
Location: Brisbane, Australia
Project: Residential
Year: 2017
Product: PEX plumbing system



Cangzhou Museum
Location: Cangzhou, China
Project: Public Building
Year: 2010
Product: PP-R plumbing system



Four Points Hotel
Location: Brisbane, Australia
Project: Hotel
Year: 2014
Product: PEX plumbing system



AYANA Resort and Spa
Location: Bali, Indonesia
Project: Hotel
Year: 2007
Product: Multilayer plumbing system



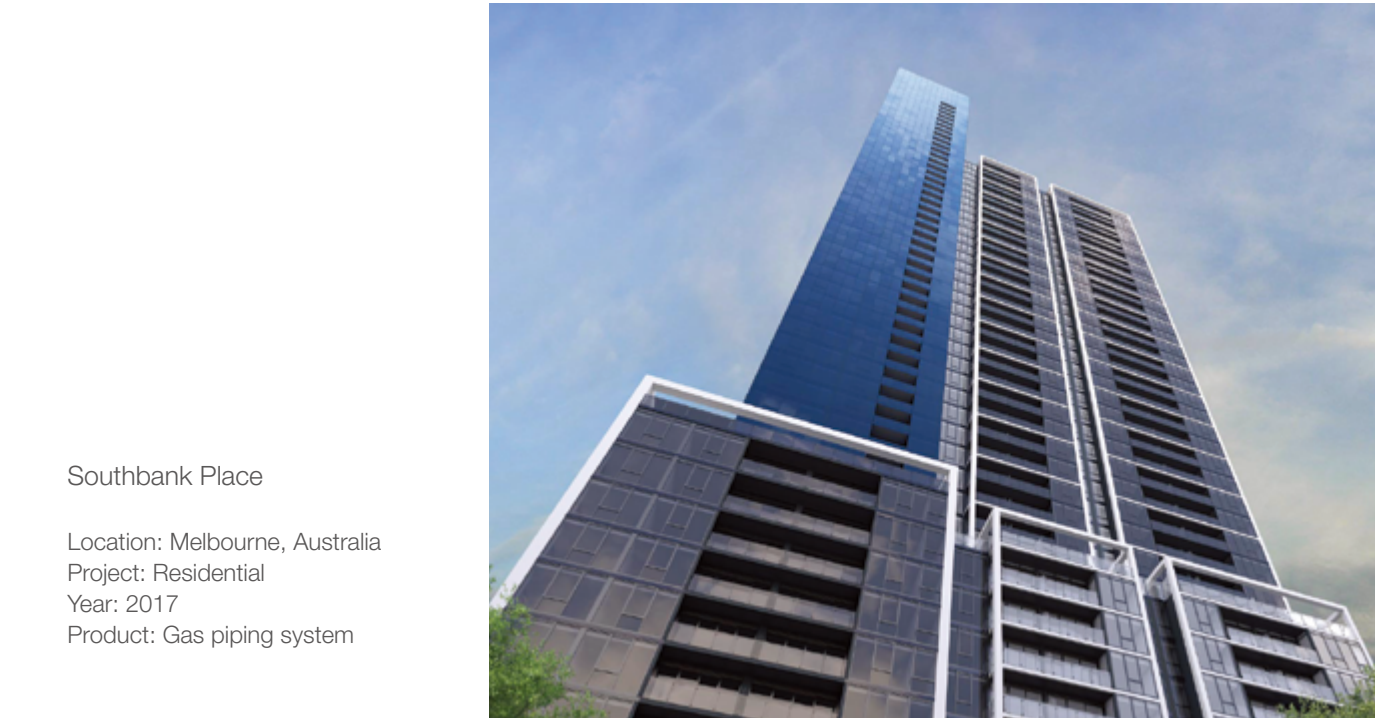
Plaza Semanggi
Location: Jakarta, Indonesia
Project: Commercial
Year: 2004
Product: PP-R plumbing system



Keraton
Location: Jakarta, Indonesia
Project: Residential
Year: 2009
Product: PP-R plumbing system

PROJECT REFERENCE

Gas Supply



Southbank Place

Location: Melbourne, Australia
Project: Residential
Year: 2017
Product: Gas piping system



Diamantis Plaza

Location: Montevideo, Uruguay
Project: Residential
Year: 2012
Product: Gas piping system



Infinity Tower

Location: Brisbane, Australia
Project: Commercial
Year: 2013
Product: Gas piping system



Farosdecarrasco

Location: Montevideo, Uruguay
Project: Residential
Year: 2011
Product: Gas piping system



Uttara Icon

Location: Yogyakarta, Indonesia
Project: Residential
Year: 2017
Product: Gas piping system

PROJECT REFERENCE

Indoor Climate System



Encinares
Location: Mexico City, Mexico
Project: Residential
Product: Underfloor heating system



Sutherland Rd
Location: London, UK
Project: Residential
Year: 2015
Product: Underfloor heating system



VIA MONTEJO
Location: Merida, Mexico
Project: Residential
Year: 2017
Product: A/C piping System



Wika Office Tower
Location: Jakarta, Indonesia
Project: Commercial
Product: A/C piping System



Taichung Metropolitan Opera House
Location: Taichung, Taiwan
Project: Public Building
Year: 2014
Product: Underfloor heating system

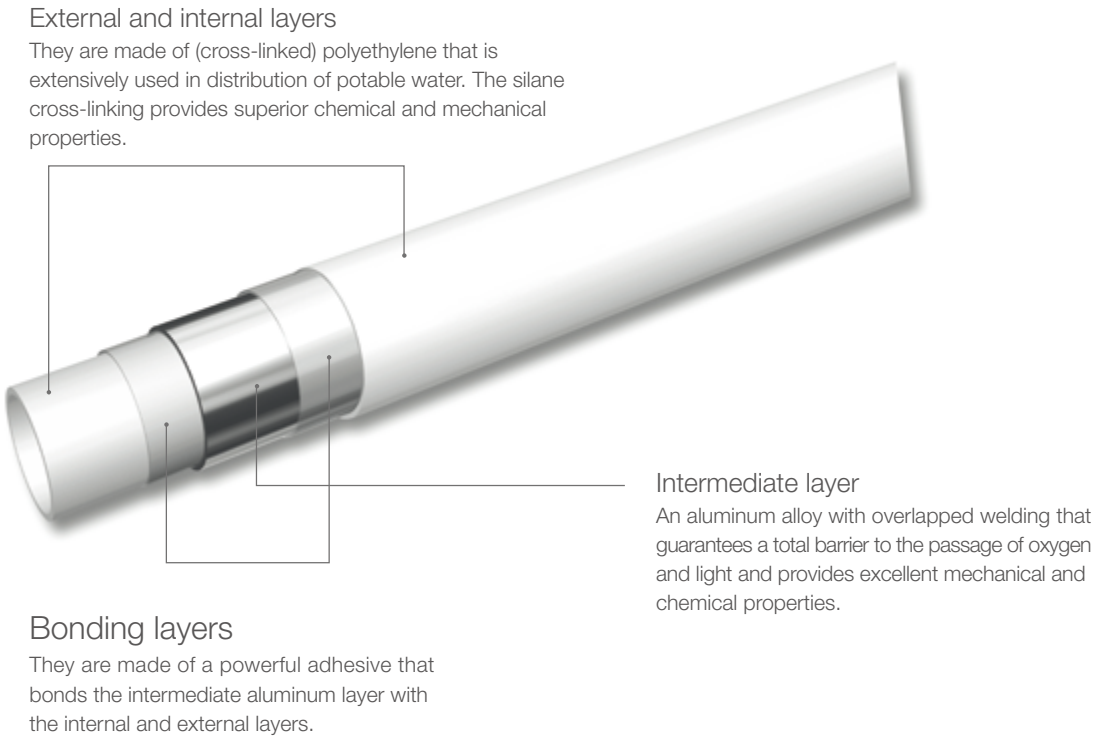


Grand Dhika City
Location: Bekasi, Indonesia
Project: Residential
Year: 2015
Product: A/C piping System

MULTILAYER PLUMBING SYSTEM

- Multilayer Pipes
- Pre-insulated Pipes
- Corrugated Pipes
- Press Fittings
- Push Fittings
- Compression Fittings
- Manifolds
- Brass Threaded Adapter

Multilayer Pipes



Advantages of RIFENG multilayer pipes

- Corrosion-resistant
- Barrier to the permeation of oxygen and light
- Service life up to 50 years
- Light in weight and flexible
- Smooth inner wall ensures low pressure loss
- Ideal for plumbing solutions

Standards

- DVGW W534
 - DVGW W542
 - W270
 - XP P41-250
 - AS4176.2
 - AS 4020
- ASTM1281
 - CSA B137.10
 - BS 6920
 - IS15450
 - (UNE NF SANS EN) ISO 21003

Certificates



Range of multilayer pipes

A	B	B1
HDPE-AL-HDPE	PERT-AL-PERT	PEX-AL-PEX
Cold water	Cold water / Hot water	Cold water / Hot water

HDPE–AL–HDPE (A Series)



Specif.	Packing Specif. (m)	Color (out/in)
A-1216	100/200	White/White
A-1418	100/200	White/White
A-1620	100/200	White/White
A-2025	50/100	White/White
A-2026	50/100	White/White
A-2632	50/100	White/White
A-3240	4/5.8/6	White/White
A-4150	4/5.8/6	White/White
A-5163	4/5.8/6	White/White
A-6075	4/5.8/6	White/White

PERT–AL–PERT (B Series)



Specif.	Packing Specif. (m)	Color (out/in)
B-1216	100/200	White/Transparent
B-1418	100/200	White/Transparent
B-1620	100/200	White/Transparent
B-2025	50/100	White/Transparent
B-2026	50/100	White/Transparent
B-2632	50/100	White/Transparent
B-3240	4/5.8/6	White/Transparent
B-4150	4/5.8/6	White/Transparent
B-5163	4/5.8/6	White/Transparent
B-6075	4/5.8/6	White/Transparent

PEX–AL–PEX (B1 Series)



Specif.	Packing Specif. (m)	Color (out/in)
B1-1216	100/200	White/Transparent
B1-1418	100/200	White/Transparent
B1-1620	100/200	White/Transparent
B1-2025	50/100	White/Transparent
B1-2026	50/100	White/Transparent
B1-2632	50/100	White/Transparent
B1-3240	4/5.8/6	White/Transparent
B1-4150	4/5.8/6	White/Transparent
B1-5163	4/5.8/6	White/Transparent
B1-6075	4/5.8/6	White/Transparent



Pre-insulated Pipes

RIFENG pre-insulated pipes offer an innovative and energy-efficient selection for underfloor heating, cooling and water distribution solutions with secure and durable systems. The system can greatly reduce heat loss and feature high flexibility and easy installation which provides the most effective insulation for pipelines at the lowest initial cost whether for buildings or complete local distribution networks.

- The most economical option for domestic and commercial hot/ cold water transportation.
- Products are formed by 30-40 times high foaming, light weight, good flexibility and cushioning performance.
- Low thermal conductivity, excellent thermal insulation performance, environmental protection and energy saving.
- Strong corrosion resistance and excellent weather resistance.
- Independent bubble foam provides excellent soundproofing and vibration resistance.

PEX-AL-PEX (B1 Series)



Specif.	Packing Specif. (m)	Color
B1-1216	50/100	Red/Blue/Grey
B1-1418	50/100	Red/Blue/Grey
B1-1620	50/100	Red/Blue/Grey
B1-2025	50	Red/Blue/Grey
B1-2026	25/50	Red/Blue/Grey
B1-2632	25/50	Red/Blue/Grey

PERT-AL-PERT (B Series)



Specif.	Packing Specif. (m)	Color
B-1216	50/100	Red/Blue/Grey
B-1520	50/100	Red/Blue/Grey
B-1620	50/100	Red/Blue/Grey
B-1825	50/100	Red/Blue/Grey
B-2025	50	Red/Blue/Grey
B-2026	25/50	Red/Blue/Grey
B-2632	25/50	Red/Blue/Grey

Corrugated pipes

RIFENG corrugated pipe, made of HDPE compositions, is designed to protect plastic pipes from external physical damage and prevent the intrusion of condensate forming on the pipes in the surrounding areas. RIFENG corrugated pipe, as a foldable elastic tube, is an ideal companion for pressure pipes.

Good flexibility and rigidity

The corrugated pipe has good flexibility along the axial direction and good rigidity along the radial direction, which can adequately protect the internal pipeline in different stress conditions.

Easy to maintain

Installation of RIFENG corrugated pipe is convenient as the friction coefficient is lower and is convenient for future maintenance.



Protection of working pipes

With the advantage of strong sealing, RIFENG corrugated pipe can not only prevent leakage but also protect the pipe from light aging and corrosive substances.

PEX-b Pipe



Specif.	Packing Specif. (m)	Color
PEX-B-12x1.6	100	Red/Blue/Black/Grey
PEX-B-16x2.0	50/100	Red/Blue/Black/Grey
PEX-B-20x2.0	50/100	Red/Blue/Black/Grey
PEX-B-20x2.5	50/100	Red/Blue/Black/Grey
PEX-B-32x3.0	50/100	Red/Blue/Black/Grey

PEX-AL-PEX (B1 Series)



Specif.	Packing Specif. (m)	Color
B1-1216	50/100	Red/Blue/Black/Grey
B1-1418	50/100	Red/Blue/Black/Grey
B1-1620	50/100	Red/Blue/Black/Grey
B1-2025	50	Red/Blue/Black/Grey
B1-2026	50	Red/Blue/Black/Grey
B1-2632	50	Red/Blue/Black/Grey

PERT-AL-PERT (B Series)



Specif.	Packing Specif. (m)	Color
B-1216	50/100	Red/Blue/Black/Grey
B-1520	50/100	Red/Blue/Black/Grey
B-1620	50/100	Red/Blue/Black/Grey
B-1825	50/100	Red/Blue/Black/Grey
B-2025	50	Red/Blue/Black/Grey
B-2026	25/50	Red/Blue/Black/Grey
B-2632	25/50	Red/Blue/Black/Grey



Press Fittings - F5

- U pressing profile
 - Ease and security of installation
- High quality sealing materials with EPDM O-rings
 - Cost-effective

Standards

- DVGW W534
 - DVGW W542
 - XP P41-250
- AS4176.3
 - ASTM F1281
 - CSA B137.10
- AS 3688
 - (UNE NF SANS EN) ISO 21003

Certificates



Straight coupling



Specif.	pcs/box	pcs/ctn.
F5-S1216x1216	40	320
F5-S1418x1418	28	224
F5-S1620x1620	28	224
F5-S2025x2025	15	120
F5-S2026x2026	15	120
F5-S2632x2632		90
F5-S3240x3240		45
F5-S4150x4150		33
F5-S5163x5163		15
F5-S6075x6075		10

Reducing coupling



Specif.	pcs/box	pcs/ctn.
F5-S1620x1216	35	280
F5-S2025x1216	15	120
F5-S2025x1620	15	120
F5-S2026x1216	15	120
F5-S2026x1620	15	120
F5-S2632x1216	10	80
F5-S2632x1620	10	80
F5-S2632x2025	10	80
F5-S3240x1620		80
F5-S3240x2025		60
F5-S3240x2632		60
F5-S4150x2025		45
F5-S4150x2632		40
F5-S4150x3240		33
F5-S5163x3240		18
F5-S5163x4150		18
F5-S6075x5163		12

Female straight coupling



Specif.	pcs/box	pcs/ctn.
F5-S1216x1/2F	35	280
F5-S1216x3/4F	20	160
F5-S1418x1/2F	40	320
F5-S1620x1/2F	30	240
F5-S1620x3/4F	20	160
F5-S2025x1/2F	40	120
F5-S2025x3/4F	15	120
F5-S2025x1F	12	96
F5-S2026x1/2F	40	120
F5-S2026x3/4F	15	120
F5-S2026x1F	12	96
F5-S2632x3/4F	12	96
F5-S2632x1F	12	96
F5-S3240x1F		72
F5-S3240x1 1/4F		72
F5-S3240x1 1/2F		60
F5-S4150x1 1/2F		40
F5-S4150x1F		48
F5-S5163x1F		20
F5-S5163x2F		20
F5-S5163x2 1/2F		16
F5-S6075x2 1/2F		12

Demountable female straight coupling



Specif.	pcs/box	pcs/ctn.
F5-S1216x1/2F (H)	40	320
F5-S1216x3/4F (H)	25	200
F5-S1620x1/2F (H)	30	240
F5-S1620x3/4F (H)	20	160
F5-S2025x1F (H)	12	96
F5-S2025x3/4F (H)	15	120
F5-S2026x1F (H)	12	96
F5-S2026x3/4F (H)	15	120
F5-S2632x1F (H)		90

Male straight coupling



Specif.	pcs/box	pcs/ctn.
F5-S1216x3/8	50	400
F5-S1216x3/4	25	200
F5-S1216x1/2	45	360
F5-S1620x1/2	35	280
F5-S1620x3/4	25	200
F5-S1620x1	20	160
F5-S2025x1/2	15	120
F5-S2025x3/4		120
F5-S2025x1	15	120
F5-S2026x1/2	15	120
F5-S2026x3/4		120
F5-S2026x1	15	120
F5-S2632x3/4		96
F5-S2632x1	12	96
F5-S2632x1 1/4		90
F5-S2632x1 1/2	10	80
F5-S3240x1		72
F5-S3240x1 1/4		60
F5-S3240x1 1/2		54
F5-S4150x1		48
F5-S4150x1 1/2		35
F5-S4150x2		35
F5-S5163x1 1/2		20
F5-S5163x2		18
F5-S6075x2 1/2		14

Copper spigot adapter



Specif.	pcs/box	pcs/ctn.
F5-S1216x15Cu2	36	288
F5-S1620x22Cu2	18	144
F5-S2025x22Cu2	15	120

Elbow



Specif.	pcs/box	pcs/ctn.
F5-L1216x1216	24	192
F5-L1620x1620	18	144
F5-L2025x2025	10	80
F5-L2026x2026	10	80
F5-L2632x2632		45
F5-L3240x3240		36
F5-L4150x4150		24
F5-L5163x5163		10
F5-L6075x6075		6

Reducing elbow



Specif.	pcs/box	pcs/ctn.
F5-L1620x1216	18	144
F5-L2025x1216	12	96
F5-L2025x1620	10	80
F5-L2026x1216	12	96
F5-L2026x1620	10	80
F5-L2632x2025	10	80
F5-L4150x3240		24
F5-L5163x4150		12

Wall-plated female elbow



Specif.	pcs/box	pcs/ctn.
F5-L1216x1/2F (Z)	14	112
F5-L1620x1/2F (Z)	12	96

Male elbow



Specif.	pcs/box	pcs/ctn.
F5-L1216x1/2	24	192
F5-L1216x3/4	15	120
F5-L1620x1/2	24	192
F5-L1620x3/4	15	120
F5-L2025x3/4	10	80
F5-L2025x1		96
F5-L2026x3/4	10	80
F5-L2026x1		96
F5-L2632x1		60
F5-L3240x1		40
F5-L4150x1 1/2		24

Female elbow



Specif.	pcs/box	pcs/ctn.
F5-L1216x1/2F	25	200
F5-L1216x3/4F	15	120
F5-L1418x1/2F	20	160
F5-L1418x3/4F	15	120
F5-L1620x1/2F	20	160
F5-L1620x3/4F	15	120
F5-L2025x1/2F	12	96
F5-L2025x3/4F	10	80
F5-L2025x1F		72
F5-L2026x1/2F	12	96
F5-L2026x3/4F	10	80
F5-L2026x1F		72
F5-L2632x3/4F		72
F5-L2632x1F		60
F5-L3240x1F		48
F5-L3240x1 1/4F		50
F5-L3240x1 1/2F		25
F5-L4150x1 1/2F		30
F5-L4150x1F		25

Tee



Specif.	pcs/box	pcs/ctn.
F5-T1216x1216x1216	15	120
F5-T1620x1620x1620	15	120
F5-T2025x2025x2025		64
F5-T2026x2026x2026		64
F5-T2632x2632x2632		30
F5-T3240x3240x3240		24
F5-T4150x4150x4150		18
F5-T5163x5163x5163		4
F5-T6075x6075x6075		3

Male tee



Specif.	pcs/box	pcs/ctn.
F5-T1216x1/2x1216	15	120
F5-T1620x1/2x1620	15	120

Female tee



Specif.	pcs/box	pcs/ctn.
F5-T1216x1/2Fx1216	15	120
F5-T1620x1/2Fx1620	10	80
F5-T1620x3/4Fx1620		96
F5-T2025x1/2Fx2025		72
F5-T2025x3/4Fx2025		64
F5-T2026x1/2Fx2026		72
F5-T2026x3/4Fx2026		64
F5-T2632x1/2Fx2632		48
F5-T2632x1Fx2632		36
F5-T3240x1Fx3240		30
F5-T3240x3/4Fx3240		25
F5-T4150x1 1/2Fx4150		25
F5-T4150x1 1/4Fx4150		22
F5-T4150x1Fx4150		22
F5-T5163x1Fx5163		12
F5-T5163x2 1/2Fx5163		10
F5-T5163x2Fx5163		4
F5-T6075x1 1/2Fx6075		8
F5-T6075x2 1/2Fx6075		4
F5-T6075x2Fx6075		4

Reducing tee



Specif.	pcs/box	pcs/ctn.
F5-T1216x1620x1216	15	120
F5-T1620x1216x1216	15	120
F5-T1620x1620x1216	15	120
F5-T1620x2025x1620		96
F5-T2025x1216x1216		96
F5-T2025x1216x1620		96
F5-T2025x1216x2025		70
F5-T2025x1620x1216		70
F5-T2025x1620x1620		70
F5-T2025x1620x2025		70
F5-T2025x2025x1216		70
F5-T2025x2025x1620		70
F5-T2025x2632x2025		40
F5-T2026x1216x1216		96
F5-T2026x1216x1620		96
F5-T2026x1216x2026		70
F5-T2026x1620x1216		70
F5-T2026x1620x1620		70
F5-T2026x1620x2026		70
F5-T2026x2026x1216		70
F5-T2026x2026x1620		70
F5-T2026x2632x2026		40
F5-T2632x1216x2632		48
F5-T2632x1620x2632		48
F5-T2632x2025x2025		40
F5-T2632x2025x2632		36
F5-T3240x1620x3240		36
F5-T3240x2025x3240		20
F5-T3240x2026x3240		20
F5-T3240x2632x2632		36
F5-T4150x2025x4150		15
F5-T4150x2632x4150		18
F5-T4150x3240x4150		10
F5-T5163x2025x5163		8
F5-T5163x2632x5163		7
F5-T5163x3240x5163		8
F5-T5163x4150x5163		6
F5-T6075x3240x6075		4
F5-T6075x4150x6075		4
F5-T6075x5163x6075		4

Assembly double fittings



Specif.	pcs/box	pcs/ctn.
F5-L1216x1/2F (Z)(GZ-150)		20
F5-L1620x1/2F (Z)(GZ-150)		16

Double wall-plated female elbow



Specif.	pcs/box	pcs/ctn.
F5-K1216x1/2F (Z)		90
F5-K1620x1/2F (Z)		90

End cap



Specif.	pcs/box	pcs/ctn.
F5-D1216	75	600
F5-D1418	56	448
F5-D1620	60	480
F5-D2025	24	192
F5-D2026	24	192
F5-D2632	16	128

U-profile tap elbow



Specif.	pcs/box	pcs/ctn.
F5-L1216x1/2Fx1216	8	32
F5-L1620x1/2Fx1620	8	32



Press Fittings - F9

- TH pressing profile
- Excellent sealing performance and durability
- Leakage detection during pressure testing in case of inadequate pressing

Standards

- XP P41-250
- NF EN ISO21003

Certificates



Straight coupling

	Specif.	pcs/box	pcs/ctn.
	F9-S1216x1216	35	280
	F9-S1620x1620		200
	F9-S2025x2025		160
	F9-S2026x2026	15	120
	F9-S2632x2632		90

Reducing coupling

	Specif.	pcs/box	pcs/ctn.
	F9-S1620x1216	30	240
	F9-S2025x1216	15	120
	F9-S2025x1620	15	120
	F9-S2026x1216	15	120
	F9-S2026x1620	15	120
	F9-S2632x1620	10	80
	F9-S2632x2025	10	80
	F9-S2632x2026	10	80

Male straight coupling

	Specif.	pcs/box	pcs/ctn.
	F9-S1216x1/2		320
	F9-S1216x3/4	25	200
	F9-S1216x3/8		400
	F9-S1620x1	8	64
	F9-S1620x1/2		300
	F9-S1620x3/4		200
	F9-S2025x1		160
	F9-S2025x1/2	15	120
	F9-S2025x3/4		160
	F9-S2026x1		120
	F9-S2026x1/2	18	144
	F9-S2026x3/4		120
	F9-S2632x1 1/4		80
	F9-S2632x1		96

Female straight coupling

	Specif.	pcs/box	pcs/ctn.
	F9-S1216x1/2F	35	280
	F9-S1216x3/4F	20	160
	F9-S1620x1/2F	30	240
	F9-S1620x3/4F	20	160
	F9-S2025x1/2F	15	120
	F9-S2025x1F	12	96
	F9-S2025x3/4F	15	120
	F9-S2026x1/2F	15	120
	F9-S2026x1F	16	128
	F9-S2026x3/4F	15	120
	F9-S2632x1F	12	96

Demountable female straight coupling

	Specif.	pcs/box	pcs/ctn.
	F9-S1216x1/2F (H)	40	320
	F9-S1216x3/4F (H)		250
	F9-S1216x3/8F (H)		400
	F9-S1620x1/2F (H)		240
	F9-S1620x3/4F (H)	20	160
	F9-S2025x3/4F (H)	15	120
	F9-S2026x1F (H)	12	96
	F9-S2026x3/4F (H)	15	120
	F9-S2632x1F (H)		120

Elbow

	Specif.	pcs/box	pcs/ctn.
	F9-L1216x1216	28	224
	F9-L1620x1620	18	144
	F9-L2025x2025	10	80
	F9-L2026x2026	10	80
	F9-L2026x2026 (45°)	10	80
	F9-L2632x2632		45
	F9-L2632x2632 (45°)		60

Reducing elbow

	Specif.	pcs/box	pcs/ctn.
	F9-L1620x1216	18	144

Male elbow



Specif.	pcs/box	pcs/ctn.
F9-L1216x1/2	24	192
F9-L1216x3/4	15	120
F9-L1620x1/2	20	160
F9-L1620x3/4	15	120
F9-L2025x1		75
F9-L2025x3/4	10	80
F9-L2026x1	12	96
F9-L2026x3/4	10	80
F9-L2632x1		60

Female elbow



Specif.	pcs/box	pcs/ctn.
F9-L1216x1/2F	25	200
F9-L1216x3/4F	15	120
F9-L1620x1/2F	20	160
F9-L1620x3/4F	15	120
F9-L2025x3/4F	10	80
F9-L2026x1F		72
F9-L2026x3/4F		80
F9-L2632x1F		60

Wall-plated female elbow



Specif.	pcs/box	pcs/ctn.
F9-L1216x1/2F (Z)	14	112
F9-L1620x1/2F (Z)	12	96
F9-L1620x3/4F (Z)	12	96

Tee



Specif.	pcs/box	pcs/ctn.
F9-T1216x1216x1216	15	120
F9-T1620x1620x1620		80
F9-T2025x2025x2025		64
F9-T2026x2026x2026		64
F9-T2632x2632x2632		30

Reducing tee



Specif.	pcs/box	pcs/ctn.
F9-T1216x1620x1216	15	120
F9-T1620x1216x1216	15	120
F9-T1620x1216x1620	15	120
F9-T1620x1620x1216	15	120
F9-T1620x2025x1620		96
F9-T1620x2026x1620		96
F9-T2025x1216x2025		70
F9-T2025x1620x1620		70
F9-T2025x1620x2025		70
F9-T2025x2025x1620		70
F9-T2026x1216x2026		70
F9-T2026x1620x1620		80
F9-T2026x1620x2026		70
F9-T2026x2026x1620		70
F9-T2632x1216x2632		48
F9-T2632x1620x2632		48
F9-T2632x2025x2632		48
F9-T2632x2026x2026		40
F9-T2632x2026x2632		36

Male tee



Specif.	pcs/box	pcs/ctn.
F9-T1216x1/2x1216	15	120
F9-T1620x1/2x1620	15	120
F9-T1620x3/4x1620		80
F9-T2026x3/4x2026		80
F9-T2632x1x2632		36

Female tee



Specif.	pcs/box	pcs/ctn.
F9-T1216x1/2Fx1216	15	120
F9-T1620x1/2Fx1620	10	80
F9-T1620x3/4Fx1620		96
F9-T2025x1/2Fx2025		72
F9-T2025x3/4Fx2025		64
F9-T2026x1/2Fx2026		72
F9-T2026x3/4Fx2026		64
F9-T2632x1Fx2632		36
F9-T2632x3/4Fx2632		40

Double wall-plated female elbow



Specif.	pcs/box	pcs/ctn.
F9-K1216x1/2F (Z)		90
F9-K1620x1/2F (Z)		90



Multi-jaw Press Fittings - F17

- Can be pressed with U/H/TH/RFZ profiles
- Two O rings for better sealing performance
- High-quality materials and better anti-corrosion performance

Standards

- WRAS specifications

Certificates



Straight coupling



Specif.	pcs/box	pcs/ctn.
F17-S1216x1216		250
F17-S1620x1620		200
F17-S2025x2025		100
F17-S2026x2026		120
F17-S2632x2632		90

Reducing coupling



Specif.	pcs/box	pcs/ctn.
F17-S1620x1216		225
F17-S2025x1216		200
F17-S2025x1620		200
F17-S2026x1216		120
F17-S2026x1620		120
F17-S2632x1620		120
F17-S2632x2025		120
F17-S2632x2026		80

Male straight coupling



Specif.	pcs/box	pcs/ctn.
F17-S1216x1/2		300
F17-S1620x1/2		300
F17-S1620x3/4		200
F17-S1620x1		160
F17-S2025x3/4		100
F17-S2025x1		160
F17-S2026x3/4		160
F17-S2026x1		170
F17-S2632x1		144

Female straight coupling



Specif.	pcs/box	pcs/ctn.
F17-S1216x1/2F		280
F17-S1216x3/4F		160
F17-S1620x1/2F		240
F17-S1620x3/4F		160
F17-S1620x1F		120
F17-S2025x3/4F		200
F17-S2025x1F		140
F17-S2026x3/4F		100
F17-S2026x1F		128
F17-S2632x1F		96

Elbow



Specif.	pcs/box	pcs/ctn.
F17-L1216x1216		224
F17-L1620x1620		144
F17-L2025x2025		50
F17-L2026x2026		80
F17-L2632x2632		45

Male elbow



Specif.	pcs/box	pcs/ctn.
F17-L1216x1/2		192
F17-L1620x1/2		160
F17-L1620x3/4		120
F17-L1620x1		128
F17-L2025x3/4		50
F17-L2025x1		140
F17-L2026x3/4		80
F17-L2026x1		96
F17-L2632x1		60

Female elbow



Specif.	pcs/box	pcs/ctn.
F17-L1216x1/2F		200
F17-L1620x1/2F		135
F17-L1620x3/4F		120
F17-L2026x3/4F		80
F17-L2632x1F		60

Tee



Specif.	pcs/box	pcs/ctn.
F17-T1216x1216x1216		120
F17-T1620x1620x1620		100
F17-T2025x2025x2025		30
F17-T2026x2026x2026		70
F17-T2632x2632x2632		30
F17-T2025x2025x2025		
F17-T2026x2026x2026		
F17-T2632x2632x2632		

Reducing tee

	Specif.	pcs/box	pcs/ctn.
	F17-T1216x1620x1216		120
	F17-T1620x1216x1216		120
	F17-T1620x1216x1620		120
	F17-T1620x1620x1216		100
	F17-T1620x2026x1620		70
	F17-T2025x1216x2025		80
	F17-T2025x1620x1620		80
	F17-T2025x1620x2025		80
	F17-T2026x1216x2026		70
	F17-T2026x1620x1620		70
	F17-T2026x1620x2026		70
	F17-T2026x2026x1620		70
	F17-T2632x1620x2632		30
	F17-T2632x2026x2026		40
	F17-T2632x2026x2632		36

Female tee

	Specif.	pcs/box	pcs/ctn.
	F17-T1216x1/2Fx1216		120
	F17-T1620x1/2Fx1620		80
	F17-T1620x3/4Fx1620		96
	F17-T2025x1/2Fx2025		30
	F17-T2025x3/4Fx2025		80
	F17-T2026x1/2Fx2026		36
	F17-T2026x3/4Fx2026		70
	F17-T2632x3/4Fx2632		30
	F17-T2632x1Fx2632		36

Male tee

	Specif.	pcs/box	pcs/ctn.
	F17-T1216x1/2x1216		120
	F17-T1620x1/2x1620		80
	F17-T1620x3/4x1620		80

Wall-plated female elbow

	Specif.	pcs/box	pcs/ctn.
	F17-L1216x1/2F(Z)		168
	F17-L1620x1/2F(Z)		96
	F17-L1620x3/4F(Z)		96
	F17-L2025x3/4F(Z)		80
	F17-L2026x3/4F(Z)		80

Demountable female straight coupling

	Specif.	pcs/box	pcs/ctn.
	F17-S1216x1/2F(H)		320
	F17-S1216x3/4F(H)		160
	F17-S1620x1/2F(H)		240
	F17-S1620x3/4F(H)		160
	F17-S2026x3/4F(H)		120
	F17-S2632x1F(H)		90
	F17-L2026x1		96
	F17-L2632x1		60

Pex or copper to multilayer pipe adaptors

	Specif.	pcs/box	pcs/ctn.
	F17-S1216x1/2 CU2		288
	F17-S1216x15 CU2		288
	F17-S1216x3/4 CU2		144
	F17-S1620x3/4 CU2		144
	F17-S2026x3/4 CU2		120
	F17-S2026x1 CU2		120
	F17-S2632x1 CU2		108

End cap

	Specif.	pcs/box	pcs/ctn.
	F17-D1216		600
	F17-D1620		480
	F17-D2026		160
	F17-D2632		96



Multi-jaw Press Fitting - F18

- Can be pressed with U/H/TH/RFZ profiles. Three O rings on the fittings, which makes for a better sealing performance.
- With a leakage indicator, if the fittings are not properly pressed, water will come out during the pressure test.

Standards

- XP P41-250
- NF EN ISO21003
- DVGW W534
- BRL K536

Certificates



Straight coupling



Specif.	pcs/box	pcs/ctn.
F18-S1216x1216		300
F18-S1620x1620		200
F18-S2026x2026		120
F18-S2632x2632		90

Reducing coupling



Specif.	pcs/box	pcs/ctn.
F18-S1620x1216		300
F18-S2026x1216		120
F18-S2026x1620		120
F18-S2632x1216		120
F18-S2632x1620		90
F18-S2632x2026		100

Male straight coupling



Specif.	pcs/box	pcs/ctn.
F18-S1216x1/2		330
F18-S1216x3/8		320
F18-S1620x1/2		300
F18-S1620x3/4		200
F18-S2026x1		120
F18-S2026x3/4		120
F18-S2632x1		96
F18-S1216xG1/2		330
F18-S1216xG3/8		400
F18-S1620xG1/2		300
F18-S1620xG3/4		300
F18-S2026xG1		120
F18-S2026xG3/4		120

Female straight coupling

	Specif.	pcs/box	pcs/ctn.
	F18-S1216x1/2F		340
	F18-S1620x1/2F		300
	F18-S1620x3/4F		200
	F18-S2026x1F		120
	F18-S2026x3/4F		160
	F18-S2632x1F		90

Elbow

	Specif.	pcs/box	pcs/ctn.
	F18-L1216x1216		200
	F18-L1620x1620		160
	F18-L2026x2026		80
	F18-L2632x2632		60
	F18-L2026x2026 (45°)		80
	F18-L2632x2632 (45°)		60

Male elbow

	Specif.	pcs/box	pcs/ctn.
	F18-L1216x1/2		200
	F18-L1620x1/2		200
	F18-L1620x3/4		120
	F18-L2026x3/4		80

Female elbow

	Specif.	pcs/box	pcs/ctn.
	F18-L1216x1/2F		200
	F18-L1620x1/2F		200
	F18-L1620x3/4F		150
	F18-L2026x3/4F		80
	F18-L2632x1F		60

Tee

	Specif.	pcs/box	pcs/ctn.
	F18-T1216x1216x1216		120
	F18-T1620x1620x1620		80
	F18-T2026x2026x2026		48
	F18-T2632x2632x2632		32

Reducing tee

	Specif.	pcs/box	pcs/ctn.
	F18-T1216x1620x1216		120
	F18-T1620x1216x1216		120
	F18-T1620x1216x1620		120
	F18-T1620x1620x1216		80
	F18-T1620x2026x1620		75
	F18-T2026x1216x1216		80
	F18-T2026x1216x1620		75
	F18-T2026x1216x2026		64
	F18-T2026x1620x1620		75
	F18-T2026x1620x2026		64
	F18-T2026x2026x1620		48
	F18-T2632x1216x2632		48
	F18-T2632x1620x2632		40
	F18-T2632x2026x2026		40
	F18-T2632x2026x2632		40

Male tee

	Specif.	pcs/box	pcs/ctn.
	F18-T1216x1/2x1216		120
	F18-T1620x1/2x1620		80
	F18-T1620x3/4x1620		80
	F18-T2026x3/4x2026		48
	F18-T2632x1x2632		32
	F18-S2632x1F		90

Female tee



Specif.	pcs/box	pcs/ctn.
F18-T1216x1/2Fx1216		120
F18-T1620x1/2Fx1620		120
F18-T2026x1/2Fx2026		72
F18-T2026x3/4Fx2026		64
F18-T2632x1/2Fx2632		40
F18-T2632x3/4Fx2632		48

Demountable female straight coupling



Specif.	pcs/box	pcs/ctn.
F18-S1216x1/2F (H)		300
F18-S1216x3/4F (H)		240
F18-S1216x3/8F (H)		360
F18-S1620x1/2F (H)		300
F18-S1620x3/4F (H)		200
F18-S2026x1F (H)		120
F18-S2026x3/4F (H)		160
F18-S2632x1F (H)		80
F18-S2632x1 1/4F (H)		88

Demountable female elbow



Specif.	pcs/box	pcs/ctn.
F18-L1216x1/2F (H)		200
F18-L1216x3/4F (H)		160
F18-L1620x1/2F (H)		200
F18-L1620x3/4F (H)		120
F18-L2026x3/4F (H)		80

Wall-plated female elbow



Specif.	pcs/box	pcs/ctn.
F18-L1216x1/2F(Z)		168
F18-L1216x1/2F(Z)		80
F18-L1620x1/2F(Z)		80
F18-L1620x3/4F(Z)		72
F18-L12026x3/4F(Z)		40

Assembly double fittings



Specif.	pcs/box	pcs/ctn.
F18-L1216x1/2F(Z)		12
F18-L1216x1/2F(Z)		15
F18-L1620x1/2F(Z)		12
F18-L1620x1/2F(Z)		15
F18-L1216x1/2F(Z)		15

Double wall-plated female elbow



Specif.	pcs/box	pcs/ctn.
F18-K1216X1/2F(Z)		56
F18-K1620X1/2F(Z)		40



PUSH-FIT - F6

ASSURANCE

Inspection holes provide visual verification the tubing has been fully inserted when the green indicator is shown.

SECURITY

No soldering or glue significantly reduces the chance of installation error and leaks. Additionally, the double seal ring structure provides a better sealing performance.

DESIGN

Engineered multi-barbed teeth provide a reliable and secure connection.

HYGIENE

No torch, glue, or solvent is required for installation, avoiding the contamination of toxic chemicals in potable water, ensuring a healthy living environment.

QUALITY

High-quality materials with exceptional corrosion and temperature resistance, ensure better performance and extend service life.

EASE OF INSTALLATION

Plumb an entire home without using special tools. Instant push-fit connection for increased ease-of-use. No training required, reduce labor costs.

Standards

- AS 4176.3
- AS/NZS 2537.2
- AS 4020

Certificates



End cap



Specif.	pcs/box	pcs/ctn.
F6-D1216	30	200
F6-D1620	24	232
F6-D2025	10	280
F6-D2026	10	280
F6-D2632	8	336

Straight coupling



Specif.	pcs/box	pcs/ctn.
F6-S1216x1216	24	192
F6-S1620x1620	15	120
F6-S2025x2025	8	64
F6-S2026x2026	8	64
F6-S2632x2632	4	32

Reducing coupling



Specif.	pcs/box	pcs/ctn.
F6-S1620x1216	15	120
F6-S2025x1216	8	64
F6-S2026x1216	8	64
F6-S2632x1216	4	32
F6-S2025x1620	8	64
F6-S2026x1620	8	64
F6-S2632x1620	4	32
F6-S2632x2025	4	32
F6-S2632x2026	4	32

Male straight coupling



Specif.	pcs/box	pcs/ctn.
F6-S1216x1/2	18	144
F6-S1216x3/4	18	144
F6-S1620x1/2	15	120
F6-S1620x3/4	15	120
F6-S2025x3/4	12	96
F6-S2025x1	12	96
F6-S2026x3/4	12	96
F6-S2026x1	12	96
F6-S2632x3/4	4	32
F6-S2632x1	4	32

Female straight coupling



Specif.	pcs/box	pcs/ctn.
F6-S1216x1/2F	18	144
F6-S1216x3/4F	18	144
F6-S1620x1/2F	15	120
F6-S1620x3/4F	15	120
F6-S2025x3/4F	12	96
F6-S2025x1F	12	96
F6-S2026x3/4F	12	96
F6-S2026x1F	12	96
F6-S2632x3/4F	4	32
F6-S2632x1F	4	32

Reducing elbow



Specif.	pcs/box	pcs/ctn.
F6-L1620x1216	10	80
F6-L2025x1216	6	48
F6-L2026x1216	6	48
F6-L2632x1216	4	32
F6-L2025x1620	6	48
F6-L2026x1620	6	48
F6-L2632x1620	4	32
F6-L2632x2025	4	32
F6-L2632x2026	4	32

Elbow



Specif.	pcs/box	pcs/ctn.
F6-L1216x1216	12	96
F6-L1620x1620	10	80
F6-L2025x2025	6	48
F6-L2026x2026	6	48
F6-L2632x2632	4	32

Male elbow



Specif.	pcs/box	pcs/ctn.
F6-L1216x1/2	12	96
F6-L1216x3/4	12	96
F6-L1620x1/2	12	96
F6-L1620x3/4	12	96
F6-L2025x3/4	6	48
F6-L2025x1	6	48
F6-L2026x3/4	6	48
F6-L2026x1	6	48
F6-L2632x3/4	4	32
F6-L2632x1	4	32

Female elbow



Specif.	pcs/box	pcs/ctn.
F6-L1216x1/2F	12	96
F6-L1216x3/4F	12	96
F6-L1620x1/2F	12	96
F6-L1620x3/4F	12	96
F6-L2025x3/4F	6	48
F6-L2025x1F	6	48
F6-L2026x3/4F	6	48
F6-L2026x1F	6	48
F6-L2632x3/4F	4	32
F6-L2632x1F	4	32

Tee



Specif.	pcs/box	pcs/ctn.
F6-T1216x1216x1216	6	48
F6-T1620x1620x1620	5	40
F6-T2025x2025x2025	2	16
F6-T2026x2026x2026	2	16
F6-T2632x2632x2632	2	16

Reducing tee



Specif.	pcs/box	pcs/ctn.
F6-T1216x1620x1216	5	40
F6-T1216x2025x1216	2	16
F6-T1216x2026x1216	2	16
F6-T1620x1216x1216	5	40
F6-T1620x1620x1216	5	40
F6-T1620x2025x1216	5	40
F6-T1620x2026x1216	5	40
F6-T1620x2025x1620	2	16
F6-T1620x2026x1620	2	16
F6-T1620x2632x1620	2	16
F6-T2025x1216x1216	2	16
F6-T2025x1216x1620	2	16
F6-T2025x1216x2025	2	16
F6-T2025x1620x1216	2	16
F6-T2025x1620x1620	2	16
F6-T2025x1620x2025	2	16
F6-T2025x2025x1216	2	16
F6-T2025x2025x1620	2	16
F6-T2025x2632x2025	2	16
F6-T2026x1216x1216	2	16
F6-T2026x1216x1620	2	16
F6-T2026x1216x2026	2	16
F6-T2026x1620x1216	2	16
F6-T2026x1620x1620	2	16
F6-T2026x1620x2026	2	16
F6-T2026x2026x1216	2	16
F6-T2026x2026x1620	2	16
F6-T2026x2632x2026	2	16
F6-T2632x1216x2025	2	16
F6-T2632x1216x2632	2	16
F6-T2632x1620x1620	2	16
F6-T2632x1620x2025	2	16
F6-T2632x1620x2632	2	16
F6-T2632x2025x2025	2	16
F6-T2632x2025x2632	2	16

Male tee



Specif.	pcs/box	pcs/ctn.
F6-T1216x1/2x1216	6	48
F6-T1216x3/4x1216	6	48
F6-T1620x1/2x1620	5	40
F6-T1620x3/4x1620	5	40
F6-T2025x1/2x2025	2	16
F6-T2025x3/4x2025	2	16
F6-T2026x1/2x2026	2	16
F6-T2026x3/4x2026	2	16
F6-T2632x3/4x2632	2	16
F6-T2632x1x2632	2	16

Female tee



Specif.	pcs/box	pcs/ctn.
F6-T1216x1/2Fx1216	6	48
F6-T1216x3/4Fx1216	6	48
F6-T1620x1/2Fx1620	5	40
F6-T1620x3/4Fx1620	5	40
F6-T2025x1/2Fx2025	2	16
F6-T2025x3/4Fx2025	2	16
F6-T2026x1/2Fx2026	2	16
F6-T2026x3/4Fx2026	2	16
F6-T2632x1/2Fx2632	2	16
F6-T2632x3/4Fx2632	2	16
F6-T2632x1Fx2632	2	16

Wall-plated female elbow



Specif.	pcs/box	pcs/ctn.
F6-L1216x1/2F(Z)	6	48
F6-L1620x1/2F(Z)	6	48
F6-L1620x3/4F(Z)	4	32
F6-L2025x3/4F(Z)	3	24
F6-L2026x3/4F(Z)	3	24



Compression Fittings - F1

- Removable and reusable
 - Quick and simple installation with a spanner
 - Excellent sealing performance with EPDM double O-ring
- Cost-effective
 - Pressure and corrosion resistant
 - Suitable for drinking water supply

Standards

- DVGW W534
 - DVGW W542
 - XP P41-250
- ASTM F1281
 - CSA B137.10
 - (UNE NF SANS EN))ISO 21003

Certificates



Straight coupling



Specif.	pcs/box	pcs/ctn.
F1-S0912x0912 C	42	336
F1-S1216x1216 C	24	192
F1-S1620x1620 C	20	160
F1-S2025x2025 C	14	112
F1-S2026x2026 C	14	112
F1-S2632x2632 C		96

Reducing coupling



Specif.	pcs/box	pcs/ctn.
F1-S1620x1216 C	24	192
F1-S2025x1216 C	15	120
F1-S2025x1620 C		120
F1-S2026x1216 C	15	120
F1-S2026x1620 C		120
F1-S2632x1216 C		96
F1-S2632x1620 C		96
F1-S2632x2025 C		96

Male straight coupling



Specif.	pcs/box	pcs/ctn.
F1-S0912x1/2 C	42	336
F1-S0912x3/4 C	35	280
F1-S1216x1/2 C	36	288
F1-S1216x3/4 C	25	200
F1-S1216x1 C	20	160
F1-S1418x1/2 C	24	192
F1-S1418x3/4 C	24	192
F1-S1620x1/2 C		192
F1-S1620x3/4 C		192
F1-S2025x3/4 C		128
F1-S2025x1 C	16	128
F1-S2026x3/4 C		128
F1-S2026x1 C	16	128
F1-S2632x3/4 C		108
F1-S2632x1 C		108

Female straight coupling



Specif.	pcs/box	pcs/ctn.
F1-S1216x1/2F C		240
F1-S1216x3/4F C	25	200
F1-S1620x1/2F C		240
F1-S1620x3/4F C		200
F1-S2025x1F C	16	128
F1-S2025x3/4F C		160
F1-S2026x1F C	16	128
F1-S2026x3/4F C		160
F1-S2632x1F C		108

Elbow



Specif.	pcs/box	pcs/ctn.
F1-L1216x1216 C	15	120
F1-L1620x1620 C	15	120
F1-L2025x2025 C	10	80
F1-L2026x2026 C	10	80
F1-L2632x2632 C		48

Male elbow



Specif.	pcs/box	pcs/ctn.
F1-L1216x1/2 C	20	160
F1-L1216x3/4 C	15	120
F1-L1620x1/2 C	16	128
F1-L1620x3/4 C	16	128
F1-L2025x3/4 C	12	96
F1-L2025x1 C		80
F1-L2026x3/4 C	12	96
F1-L2026x1 C		80
F1-L2632x3/4 C	6	48

Female elbow



Specif.	pcs/box	pcs/ctn.
F1-L1216x1/2F C	20	160
F1-L1418x1/2F C	18	144
F1-L1620x1/2F C	15	120
F1-L1620x3/4F C		120
F1-L2025x1/2F C	12	96
F1-L2025x3/4F C	12	96
F1-L2025x1F C		90
F1-L2026x1/2F C	12	96
F1-L2026x3/4F C	12	96
F1-L2026x1F C		90
F1-L2632x1F C		60

Wall-plated female elbow



Specif.	pcs/box	pcs/ctn.
F1-L1216x1/2F (Z)C	14	112
F1-L1620x1/2F (Z)C	12	96

Tee



Specif.	pcs/box	pcs/ctn.
F1-T1216x1216x1216 C	12	96
F1-T1620x1620x1620 C		96
F1-T2025x2025x2025 C		48
F1-T2026x2026x2026 C		48
F1-T2632x2632x2632 C		36

Reducing tee



Specif.	pcs/box	pcs/ctn.
F1-T1216x1620x1216 C	10	80
F1-T1620x1216x1620 C	10	80
F1-T2025x1216x2025 C		56
F1-T2025x1620x2025 C		56
F1-T2026x1216x2026 C		56
F1-T2026x1620x2026 C		56
F1-T2632x1216x2632 C		48
F1-T2632x1620x2632 C		44
F1-T2632x2025x2632 C		44

Male tee



Specif.	pcs/box	pcs/ctn.
F1-T1216x1/2x1216 C	15	120
F1-T1620x1/2x1620 C		112

Female tee



Specif.	pcs/box	pcs/ctn.
F1-T1216x1/2Fx1216 C		120
F1-T1620x1/2Fx1620 C		96
F1-T1620x3/4Fx1620 C		96
F1-T2025x3/4Fx2025 C		56
F1-T2026x3/4Fx2026 C		56
F1-T2632x1Fx2632 C		48

Manifolds

Standards

- WRAS Specifications

Certificates



Brass linear manifolds–FS3



Specif.	pcs/box	pcs/ctn.
FS3-1-1/2x2	15	90
FS3-1-1/2x3	10	60
FS3-1-1/2x4	8	48
FS3-1-3/4x2	12	72
FS3-1-3/4x3	6	36
FS3-1-5/8x2	12	72
FS3-1-5/8x3	6	36
FS3-3/4-1/2x2	18	108
FS3-3/4-1/2x3	12	72
FS3-3/4-1/2x4	8	48

Brass bar manifolds–FS



Specif.	pcs/box	pcs/ctn.
FS-1F-3/4x2		36
FS-1F-3/4x3		25
FS-1F-3/4x4		18
FS-1F-3/4x5		12
FS-1F-3/4x6		12
FS-3/4-1/2x2		45
FS-3/4-1/2x3		25
FS-3/4-1/2x4		24
FS-3/4F-3/4x2		45
FS-3/4F-3/4x4		24
FS-3/4F-3/4x5		16

Brass manifolds with stop valves–FS4



Specif.	pcs/box	pcs/ctn.
FS4-1-1/2x2	10	60
FS4-1-1/2x3	6	36
FS4-1-1/2x4	5	30
FS4-3/4-1/2x2 II	10	60
FS4-3/4-1/2x3 II	8	48
FS4-3/4-1/2x4 II	5	30
FS4-1-1/2x3	6	36
FS4-1-1/2x3	6	36

Stainless steel bar manifolds–FS2



Specif.	pcs/box	pcs/ctn.
FS2-3/4F-1/2x2	1	82
FS2-3/4F-1/2x3	1	58
FS2-3/4F-1/2x4	1	46
FS2-3/4F-1/2x5	1	35
FS2-3/4F-1/2x6	1	25
FS2-3/4F-1/2x7	1	25
FS2-3/4F-1/2x8	1	25

Brass manifolds with ball valves–FS5



Specif.	pcs/box	pcs/ctn.
FS5-1-1/2x2 II		30
FS5-1-1/2x3 II		18
FS5-1-1/2x4 II	7	18
FS5-1-3/4x2	4	42
FS5-1-3/4x3	4	24
FS5-1-3/4x3	3	24
FS5-1-3/4x4	10	18
FS5-3/4-1/2x2	8	60
FS5-3/4-1/2x3	5	48
FS5-3/4-1/2x4		30

Brass Threaded Adapter

Straight male



Specif.	pcs/box	pcs/ctn.	Remarks
S1 1/2x1 1/2		48	Ni
S1 1/4x1 1/4	8	64	
S1 1/4x1 1/4		108	Ni
S1/2x1/2	70	560	
S1/2x1/2	70	560	Ni
S1x1	20	160	
S1x1	20	160	Ni
S3/4x3/4	40	320	
S3/4x3/4	40	320	Ni

Straight female



Specif.	pcs/box	pcs/ctn.	Remarks
S1/2Fx1/2F	52	416	
S1/2Fx1/2F	52	416	Ni
S3/4Fx3/4F	30	240	
S3/4Fx3/4F	30	240	Ni
S1Fx1F	18	144	

Straight demountable



Specif.	pcs/box	pcs/ctn.	Remarks
S1/2x1/2F	45	360	Ni
S1/2x1/2F	40	320	
S1x1F		120	
S3/4x3/4F	30	240	
S3/4x3/4F		240	Ni

Reducing demountable



Specif.	pcs/box	pcs/ctn.	Remarks
S1 1/2x3/4F		160	
S1 1/4x1F	20	160	
S1/2x1F	24	192	
S1/2x1F		192	Ni
S1/2x3/4F	45	360	
S1/2x3/4F	45	360	Ni
S1x1/2F	24	192	Ni
S1x1/2F	24	192	
S1x3/4F	24	192	
S1x3/4F	24	192	Ni
S2x1 1/2F	10	80	Ni
S2x1F		56	
S3/4x1/2F	45	360	
S3/4x1/2F	45	360	Ni

Equal female elbow



Specif.	pcs/box	pcs/ctn.	Remarks
L1/2Fx1/2F	32	256	
L1/2Fx1/2F	32	256	Ni
L3/4Fx3/4F	20	160	Ni
L3/4Fx3/4F	16	128	

Equal female tee



Specif.	pcs/box	pcs/ctn.	Remarks
T1/2Fx1/2Fx1/2F	24	192	Ni
T1/2Fx1/2Fx1/2F	24	192	
T3/4Fx3/4Fx3/4F	16	128	
T3/4Fx3/4Fx3/4F	16	128	Ni

PEX PLUMBING SYSTEM

PEX-b Pipes

Lead Free Crimp Fittings

Press Fittings



PEX-b Pipes

RIFENG pex-b pipes

RIFENG PEX-b pipe is made of cross-linked polyethylene. RIFENG utilizes the production method of silane cross-linking that provides PEX-b pipe with superior chemical and mechanical performance. RIFENG PEX-b pipe is available in red, white and blue, and is ideal for potable water supply.

Standards and approvals

RIFENG PEX-b pipe meets the standard of CSA B137.5, ASTM E84, ASTM 876 and ASTM 877. It is listed to NSF/ANSI 61 by NSF for use in potable water systems.

Pressure and Temperature

73.4°F at 160 psi

180°F at 100psi

Standards

- AS2492
- NBR 15939-1
- NSF 14
- NSF 61
- ASTM F876/F877
- AWWA C904
- CSA B137.5

Certificates



Advantages of RIFENG PEX plumbing system

- Chlorine-resistant
RIFENG PEX pipe meets the highest level of chlorine resistance.
- Hygienic and healthy
RIFENG PEX plumbing system is certified to NSF/ANSI 61 and NSF/ANSI 372 for safe supply of potable water and is lead free.
- Corrosion-resistant
RIFENG PEX is durable and resistant to corrosion.
- Ease of installation
The PEX-b pipe is flexible and available in long coils with less need for fittings compared to rigid pipes. With RIFENG crimp fittings, installation is much easier.

PEX–b Pipes (European standard)



Specif.	Packing Specif. (m)	Color
PEX-b-16x1.5	50/100/150	White/Red/Blue
PEX-b-16x1.8	50/100/150	White/Red/Blue
PEX-b-16x2.0	50/100/150	White/Red/Blue
PEX-b-16x2.2	50/100/150	White/Red/Blue
PEX-b-18x2.0	50/100/150	White/Red/Blue
PEX-b-20x1.9	50/100/150	White/Red/Blue
PEX-b-20x2.0	50/100/150	White/Red/Blue
PEX-b-20x2.3	50/100/150	White/Red/Blue
PEX-b-20x2.8	50/100/150	White/Red/Blue
PEX-b-25x2.3	50/100/150	White/Red/Blue
PEX-b-25x2.5	50/100/150	White/Red/Blue
PEX-b-25x2.8	50/100/150	White/Red/Blue
PEX-b-32x3.0	50/100/150	White/Red/Blue

PEX–b Pipes (American standard)



Specif.	Packing Specif. (m)	Color
PEX-b-1/8	250/300/500/1000	White
PEX-b-1/4	250/300/500/1000	White/Red/Blue
PEX-b-3/8	250/300/500/1000	White/Red/Blue
PEX-b-1/2	100/250/300/500/1000	White/Red/Blue
PEX-b-3/4	100/250/300/500/100	White/Red/Blue
PEX-b-1	100/300/500	White/Red/Blue

PEX–b Pipes (American standard)



Specif.	Packing Specif. (m)	Color
PEX-b-3/8	5ft/10ft/20ft	White/Red/Blue
PEX-b-1/2	5ft/10ft/20ft	White/Red/Blue
PEX-b-3/4	5ft/10ft/20ft	White/Red/Blue
PEX-b-1	5ft/10ft/20ft	White/Red/Blue



Lead Free Crimp Fittings

RIFENG lead free crimp fittings

RIFENG PF5 crimp fittings are used for making connections with PE-X pipes. PE-X pipes contain less than 0.25% of lead and are in compliance with the US Drinking Water Act and the 2011 US Reduction of Lead in Drinking Water.

Standards and approvals

RIFENG PF5 crimp fittings are manufactured to comply with ASTM F1807 and F877.

Standards

- ASTM F1807
- CSA B137.5
- ASTM F877

Certificates



LF brass crimp couplings

	Specif.	pcs/ctn.
	PF5c-S3/8x3/8	2300
	PF5c-S1/2x1/2	1250
	PF5c-S5/8x5/8	750
	PF5c-S3/4x3/4	750
	PF5c-S1x1	350

LF brass crimp reducing couplings

	Specif.	pcs/ctn.
	PF5c-S1/2x3/8	1300
	PF5c-S1x3/4	500
	PF5c-S3/4x1/2	800

LF brass crimp female adapters

	Specif.	pcs/ctn.
	PF5c-S1/2x1/2F	400
	PF5c-S1/2x3/4F	350
	PF5c-S3/4x1/2F	400
	PF5c-S3/4x3/4F	350
	PF5c-S1x1F	150

LF brass crimp male adapters

	Specif.	pcs/ctn.
	PF5c-S1/2x1/2M	650
	PF5c-S1/2x3/4M	400
	PF5c-S5/8x1/2M	650
	PF5c-S3/4x1/2M	400
	PF5c-S3/4x3/4M	300
	PF5c-S3/4x1M	250
	PF5c-S1x3/4M	250
	PF5c-S1x1M	200

LF brass crimp female sweat adapters

	Specif.	pcs/ctn.
	PF5c-S3/8x1/2CuF	500
	PF5c-S1/2x1/2CuF	1100
	PF5c-S1/2x3/4CuF	300
	PF5c-S5/8x3/4CuF	400
	PF5c-S3/4x1/2CuF	700
	PF5c-S3/4x3/4CuF	300
	PF5c-S3/4x1CuF	250
	PF5c-S1x1CuF	250

LF brass crimp male sweat adapters

	Specif.	pcs/ctn.
	PF5c-S3/8x1/2Cu	1100
	PF5c-S1/2x1/2Cu	1100
	PF5c-S1/2x3/4Cu	400
	PF5c-S3/4x1/2Cu	400
	PF5c-S3/4x3/4Cu	500
	PF5c-S1x1Cu	250

LF brass crimp elbows

	Specif.	pcs/ctn.
	PF5c-L3/8x3/8	1100
	PF5c-L1/2x1/2	650
	PF5c-L5/8x5/8	500
	PF5c-L3/4x3/4	400
	PF5c-L1x1	200

LF brass crimp male sweat elbows

	Specif.	pcs/ctn.
	PF5c-L1/2x1/2Cu	500
	PF5c-L1/2x3/4Cu	250
	PF5c-L3/4x3/4Cu	250

LF brass crimp female sweat elbows

	Specif.	pcs/ctn.
	PF5c-L1/2x1/2CuF	500
	PF5c-L1/2x3/4CuF	300
	PF5c-L3/4x1/2CuF	500
	PF5c-L3/4x3/4CuF	250

LF brass crimp male elbows

	Specif.	pcs/ctn.
	PF5c-L1/2x1/2M	300
	PF5c-L1/2x3/4M	150
	PF5c-L3/4x3/4M	150
	PF5c-L1x3/4M	150

LF brass crimp female elbows

	Specif.	pcs/ctn.
	PF5c-L1/2x1/2F	250
	PF5c-L3/4x1/2F	250

LF brass crimp reducing elbows

	Specif.	pcs/ctn.
	PF5c-L3/4x1/2	600

LF brass crimp wall-plated elbows

	Specif.	pcs/ctn.
	PF5c-L1/2x1/2F (Z)	150
	PF5c-L3/4x1/2F (Z)	150
	PF5c-L3/4x3/4F (Z)	100

LF brass crimp tees

	Specif.	pcs/ctn.
	PF5c-T3/8x3/8x3/8	650
	PF5c-T1/2x1/2x1/2	450
	PF5c-T3/4x3/4x3/4	250
	PF5c-T1x1x1	150

LF brass crimp reducing tees

	Specif.	pcs/ctn.
	PF5c-T1/2x3/4x1/2	250
	PF5c-T1x1/2x1	200
	PF5c-T1x1x1/2	150
	PF5c-T1x1x3/4	150
	PF5c-T1x3/4x1	150
	PF5c-T1x3/4x3/4	200
	PF5c-T3/4x1/2x1/2	500
	PF5c-T3/4x1/2x3/4	400
	PF5c-T3/4x1x3/4	150
	PF5c-T3/4x3/4x1/2	250

LF brass crimp test plugs

	Specif.	pcs/ctn.
	PF5c-D3/8	1900
	PF5c-D1/2	1900
	PF5c-D3/4	1300
	PF5c-D1	500



PEX Press Fitting - PF15

PF15 PEX Press Fitting is mainly available for potable water systems and used for making connections between PEX pipes.

- Unlike with crimp fittings, you don't need to buy copper rings and stainless steel clamps separately, avoiding the risk of missing press rings.
- The fittings are expertly manufactured in the factory, helping to reduce installation errors on the job.
- The pressing area of the press rings is larger than that of the copper rings or stainless steel clamps, which makes the pressing tighter and safer.
- The port holes line up to show the position of the inserted pipes reducing leaks from installation errors.
- Inspection holes directly show the positions of inserted pipes, avoiding leakage caused by installation errors.

Standards

- ASTM F877
- CSA B137.5

Certificates



Test plug



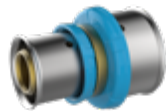
Specif.	pcs/ctn.
PF15c-D3/8	800
PF15c-D1/2	960
PF15c-D5/8	625
PF15c-D3/4	500
PF15c-D1	400
PF15c-D1 1/4	160
PF15c-D1 1/2	112
PF15c-D2	72

Coupling



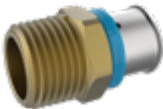
Specif.	pcs/ctn.
PF15c-S3/8x3/8	600
PF15c-S1/2x1/2	400
PF15c-S5/8x5/8	300
PF15c-S3/4x3/4	300
PF15c-S1x1	200
PF15c-S1 1/4x1 1/4	80
PF15c-S1 1/2x1 1/2	56
PF15c-S2x2	35

Reducing coupling

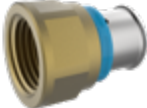


Specif.	pcs/ctn.
PF15c-S1/2x3/8	720
PF15c-S3/4x1/2	250
PF15c-S1x3/4	200
PF15c-S1 1/4x3/4	120
PF15c-S1 1/4x1	120
PF15c-S1 1/2x3/4	84
PF15c-S1 1/2x1	84
PF15c-S1 1/2x1 1/4	56
PF15c-S2x1 1/2	35

Male adapter

	Specif.	pcs/ctn.
	PF15c-S3/8x1/2M	250
	PF15c-S1/2x1/2M	300
	PF15c-S1/2x3/4M	300
	PF15c-S5/8x1/2M	200
	PF15c-S3/4x1/2M	300
	PF15c-S3/4x3/4M	300
	PF15c-S3/4x1M	160
	PF15c-S3/4x1 1/4M	90
	PF15c-S1x3/4M	200
	PF15c-S1x1M	160
	PF15c-S1x1 1/4M	90
	PF15c-S1 1/4x1 1/4M	90
	PF15c-S1 1/2x1 1/2M	52
	PF15c-S2x2M	30

Female adapter

	Specif.	pcs/ctn.
	PF15c-S1/2x1/2F	320
	PF15c-S1/2x3/4F	240
	PF15c-S3/4x1/2F	400
	PF15c-S3/4x3/4F	240
	PF15c-S1x3/4F	200
	PF15c-S1x1F	120
	PF15c-S1 1/4x1 1/4F	84
	PF15c-S1 1/2x1 1/2F	60
	PF15c-S2x2F	15

Elbow

	Specif.	pcs/ctn.
	PF15c-L3/8x3/8	200
	PF15c-L1/2x1/2	300
	PF15c-L5/8x5/8	150
	PF15c-L3/4x3/4	200
	PF15c-L1x1	120
	PF15c-L1 1/4x1 1/4	45
	PF15c-L1 1/2x1 1/2	30
	PF15c-L2x2	18

Reducing elbow

	Specif.	pcs/ctn.
	PF15c-L3/4x1/2	100

Male elbow

	Specif.	pcs/ctn.
	PF15c-L1/2x1/2M	300
	PF15c-L1/2x3/4M	240
	PF15c-L3/4x3/4M	160
	PF15c-L3/4x1M	120
	PF15c-L3/4x1 1/4M	63
	PF15c-L1x1M	120
	PF15c-L1x1 1/4M	54
	PF15c-L1 1/4x1 1/4M	42
	PF15c-L1 1/2x1 1/2M	36
	PF15c-L2x2M	16

Drop Ear 90° elbow

	Specif.	pcs/ctn.
	PF15c-L1/2x1/2F (Z4)	120
	PF15c-L3/4x1/2F (Z4)	120
	PF15c-L3/4x3/4F (Z4)	120

Tee

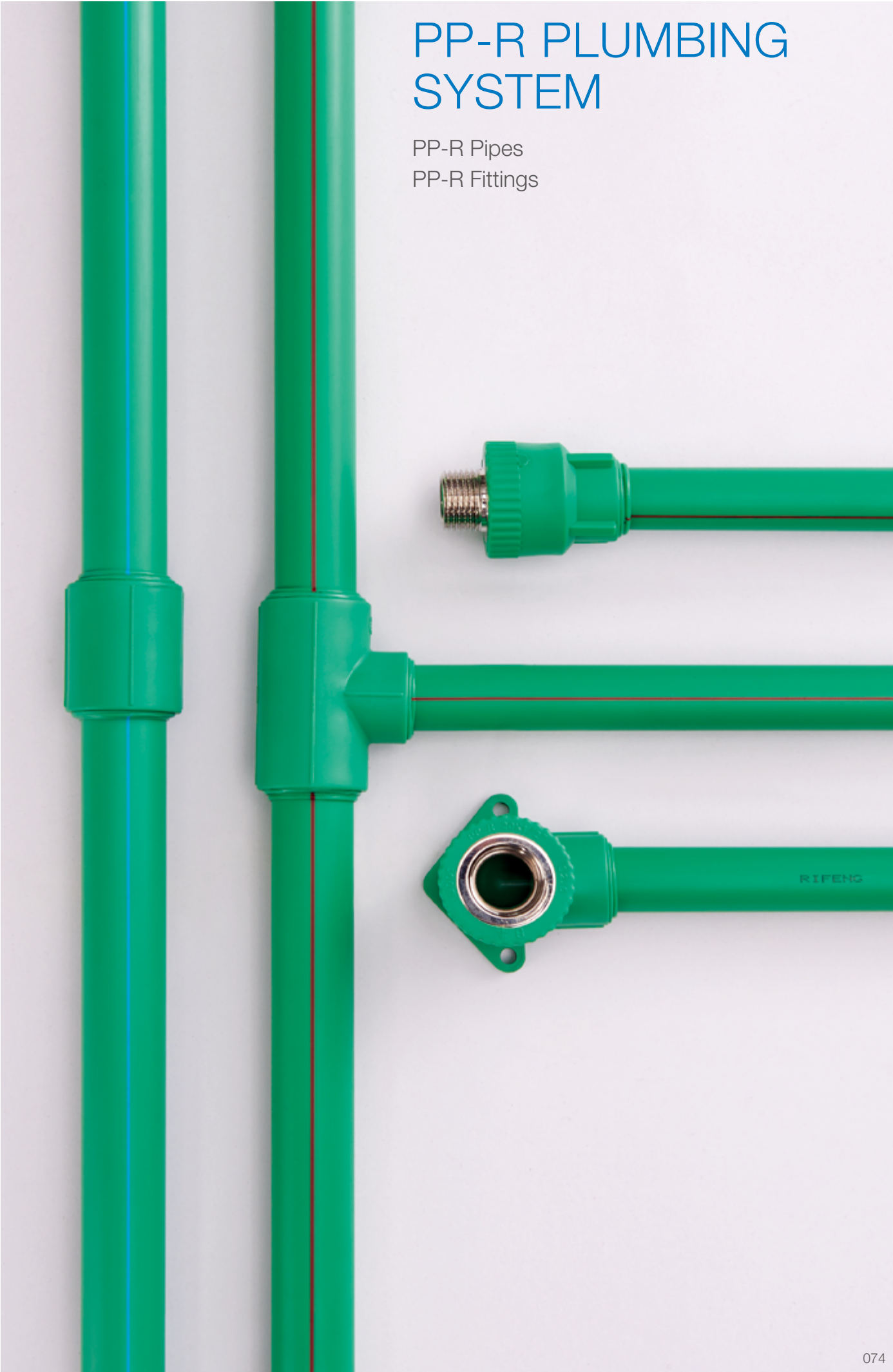
	Specif.	pcs/ctn.
	PF15c-T3/8x3/8x3/8	200
	PF15c-T1/2x1/2x1/2	180
	PF15c-T5/8x5/8x5/8	150
	PF15c-T3/4x3/4x3/4	100
	PF15c-T1x1x1	80
	PF15c-T1 1/4x1 1/4x1 1/4	30
	PF15c-T1 1/2x1 1/2x1 1/2	27
	PF15c-T2x2x2	14



Specif.	pcs/ctn.
PF15c-T1/2x3/4x1/2	200
PF15c-T3/4x1/2x1/2	200
PF15c-T3/4x1/2x3/4	150
PF15c-T3/4x3/4x1/2	150
PF15c-T3/4x1x3/4	50
PF15c-T1x1/2x1/2	120
PF15c-T1x1/2x3/4	50
PF15c-T1x1/2x1	80
PF15c-T1x3/4x3/4	80
PF15c-T1x3/4x1	80
PF15c-T1x1x1/2	80
PF15c-T1x1x3/4	80
PF15c-T1 1/4x3/4x1	40
PF15c-T1 1/4x3/4x1 1/4	30
PF15c-T1 1/4x1x1	40
PF15c-T1 1/4x1x1 1/4	30
PF15c-T1 1/2x3/4x1	32
PF15c-T1 1/2x3/4x1 1/2	27
PF15c-T1 1/2x1x1	32
PF15c-T1 1/2x1x1 1/2	27
PF15c-T1 1/2x1 1/4x1 1/2	27
PF15c-T2x1x1 1/2	14
PF15c-T2x1 1/4x1 1/2	14

PP-R PLUMBING SYSTEM

PP-R Pipes
PP-R Fittings



PP-R Pipes

RIFENG PP-R piping system, made out of high-quality polypropylene random copolymer, can be applied in both residential and commercial buildings.

Moreover, RIFENG has launched its mass flow PP-R series, bringing a more hygienic and secure plumbing experience to customers worldwide.

For over 20 years, RIFENG has been committed to supplying various PP-R pipes and fittings that comply with the EN15874 and EN ISO 15874 certificated by CE and AENOR.

Fiber Composite PP-R Pipe

- Strong light resistance to ensure clean water
- Low linear expansion coefficient
- Three-layer structure design, stable and reliable
- Upgraded temperature resistance

Basalt Fiber PP-R Pipe

Basalt fiber is a new type of inorganic, environmentally friendly and high-performance fiber material.

- Aerospace-grade basalt fiber with super-high pressure capacity
- Low linear expansion coefficient
- Linear expansion coefficient is 1/3 of ordinary PP-R pipe, $\leq 0.05\text{mm}/(\text{m}\cdot^{\circ}\text{C})$
- Temperature resistance upgrade
- Composite pipe, focusing on the advantages of three layers of materials,excellent performance, stable and reliable

Standards

- DVGW W544
- UNE EN ISO 15874
- NSF 61
- NMX-E-226/2-CNCP-2007

Advantages of RIFENG PP-R pipes

- Corrosion-resistant
- Light in weight
- Hygienic and non-toxic
- Outstanding heat and sound insulation
- Smooth inner wall
- A service life of up to 50 years under normal conditions(the maximum working temperature of RIFENG PP-R pipes is up to 80°C and the working temperature for long-term use is 70°C)
- Safe homogeneous connections

PP-RCT Pipe

New features were added to PP-R pipes thanks to the modern PP-RCT material. β -nucleation process as the base greatly improves the crystalline structure of polypropylene random copolymer PP. This process enhances the crystalline structure which enables pipes produced from this material to operate at higher pressure and temperatures.

- Greater performance in pressure and temperature resistance.
- Greater flow rate due to lower wall thickness
- Cost saving due to smaller diameter options
- Excellent impact resistance under low temperature

Certificates



S5 Monolayer pipe



Specif.	Packing Specif. (m)	Color
PP-R-S5-D20x2.0	4/160	Green/White/Gray
PP-R-S5-D25x2.3	128	Green/White/Gray
PP-R-S5-D32x2.9	64	Green/White/Gray
PP-R-S5-D40x3.7	48	Green/White/Gray
PP-R-S5-D50x4.6	28	Green/White/Gray
PP-R-S5-D63x5.8	20	Green/White/Gray
PP-R-S5-D75x6.8	16	Green/White/Gray
PP-R-S5-D90x8.2	12	Green/White/Gray
PP-R-S5-D110x10	8	Green/White/Gray
PP-R-S5-D160x14.6	4	Green/White/Gray

S4 Monolayer pipe



Specif.	Packing Specif. (m)	Color
PP-R-S4-D20x2.3	160	Green/White/Gray
PP-R-S4-D25x2.8	128	Green/White/Gray
PP-R-S4-D32x3.6	64	Green/White/Gray
PP-R-S4-D40x4.5	48	Green/White/Gray
PP-R-S4-D50x5.6	28	Green/White/Gray
PP-R-S4-D63x7.1	20	Green/White/Gray
PP-R-S4-D75x8.4	16	Green/White/Gray
PP-R-S4-D90x10.1	12	Green/White/Gray
PP-R-S4-D110x12.3	8	Green/White/Gray
PP-R-S4-D160x17.9	4	Green/White/Gray

S3.2 Monolayer pipe



Specif.	Packing Specif. (m)	Color
PP-R-S3.2-D20x2.8	160	Green/White/Gray
PP-R-S3.2-D25x3.5	128	Green/White/Gray
PP-R-S3.2-D32x4.4	64	Green/White/Gray
PP-R-S3.2-D40x5.5	48	Green/White/Gray
PP-R-S3.2-D50x6.9	28	Green/White/Gray
PP-R-S3.2-D63x8.6	20	Green/White/Gray
PP-R-S3.2-D75x10.3	16	Green/White/Gray
PP-R-S3.2-D90x12.3	12	Green/White/Gray
PP-R-S3.2-D110x15.1	8	Green/White/Gray
PP-R-S3.2-D160x21.9	4	Green/White/Gray

S2.5 Monolayer pipe

	Specif.	Packing Specif. (m)	Color
	PP-R-S2.5-D20x3.4	160	Green/White/Gray
	PP-R-S2.5-D25x4.2	128	Green/White/Gray
	PP-R-S2.5-D32x5.4	64	Green/White/Gray
	PP-R-S2.5-D40x6.7	48	Green/White/Gray
	PP-R-S2.5-D50x8.3	28	Green/White/Gray
	PP-R-S2.5-D63x10.5	20	Green/White/Gray
	PP-R-S2.5-D75x12.5	16	Green/White/Gray
	PP-R-S2.5-D90x15	12	Green/White/Gray
	PPR-S2.5-D110x18.3	8	Green/White/Gray
	PPR-S2.5-D160x26.6	4	Green/White/Gray

S3.2 Double-layer pipe

	Specif.	Packing Specif. (m)	Color(out/in)
	PP-R-S3.2-D20x2.8	160	White/Green
	PP-R-S3.2-D25x3.5	128	White/Green
	PP-R-S3.2-D32x4.4	64	White/Green
	PP-R-S3.2-D40x5.5	48	White/Green
	PP-R-S3.2-D50x6.9	28	White/Green
	PP-R-S3.2-D63x8.6	20	White/Green
	PP-R-S3.2-D75x10.3	16	White/Green
	PP-R-S3.2-D90x12.3	12	White/Green
	PP-R-S3.2-D110x15.1	8	White/Green

S5 Double-layer pipe

	Specif.	Packing Specif. (m)	Color(out/in)
	PP-R-S5-D20x2.0	160	White/Green
	PP-R-S5-D25x2.3	128	White/Green
	PP-R-S5-D32x2.9	64	White/Green
	PP-R-S5-D40x3.7	48	White/Green
	PP-R-S5-D50x4.6	28	White/Green
	PP-R-S5-D63x5.8	20	White/Green
	PP-R-S5-D75x6.8	16	White/Green
	PP-R-S5-D90x8.2	12	White/Green
	PP-R-S5-D110x10	8	White/Green
	PP-R-S5-D160x14.6	4	White/Green

S2.5 Double-layer pipe

	Specif.	Packing Specif. (m)	Color(out/in)
	PP-R-S2.5-D20x3.4	160	White/Green
	PP-R-S2.5-D25x4.2	128	White/Green
	PP-R-S2.5-D32x5.4	64	White/Green
	PP-R-S2.5-D40x6.7	48	White/Green
	PP-R-S2.5-D50x8.3	28	White/Green
	PP-R-S2.5-D63x10.5	20	White/Green
	PP-R-S2.5-D75x12.5	16	White/Green
	PP-R-S2.5-D90x15	12	White/Green
	PPR-S2.5-D110x18.3	8	White/Green
	PPR-S2.5-D160x26.6	4	White/Green

S4 Double-layer pipe

	Specif.	Packing Specif. (m)	Color(out/in)
	PP-R-S4-D20x2.3	160/240	White/Green
	PP-R-S4-D25x2.8	128	White/Green
	PP-R-S4-D32x3.6	64	White/Green
	PP-R-S4-D40x4.5	48	White/Green
	PP-R-S4-D50x5.6	28	White/Green
	PP-R-S4-D63x7.1	20	White/Green
	PP-R-S4-D75x8.4	16	White/Green
	PP-R-S4-D90x10.1	12	White/Green
	PP-R-S4-D110x12.3	8	White/Green
	PP-R-S4-D160x17.9	4	White/Green

S3.2 Antibacterial ceramic pipe

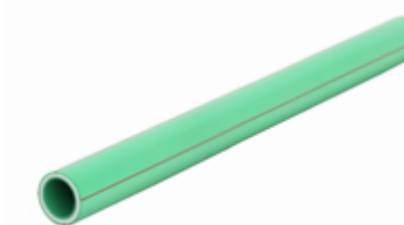
	Specif.	Packing Specif. (m)	Color(out/in)
	PP-R-S3.2-D20x2.8	160	Green/White
	PP-R-S3.2-D25x3.5	128	Green/White
	PP-R-S3.2-D32x4.4	64	Green/White
	PP-R-S3.2-D40x5.5	48	Green/White
	PP-R-S3.2-D50x6.9	28	Green/White
	PP-R-S3.2-D63x8.6	20	Green/White
	PP-R-S3.2-D75x10.3	16	Green/White
	PP-R-S3.2-D90x12.3	12	Green/White
	PP-R-S3.2-D110x15.1	8	Green/White
	PP-R-S3.2-D160x21.9	4	Green/White

S2.5 Antibacterial ceramic pipe



Specif.	Packing Specif. (m)	Color(out/in)
PP-R-S2.5-D20x3.4	160	Green/White
PP-R-S2.5-D25x4.2	128	Green/White
PP-R-S2.5-D32x5.4	64	Green/White
PP-R-S2.5-D40x6.7	48	Green/White
PP-R-S2.5-D50x8.3	28	Green/White
PP-R-S2.5-D63x10.5	20	Green/White
PP-R-S2.5-D75x12.5	16	Green/White
PP-R-S2.5-D90x15	12	Green/White
PPR-S2.5-D110x18.3	8	Green/White
PPR-S2.5-D160x26.6	4	Green/White

S3.2 Fiber composite pipe



Specif.	Packing Specif. (m)	Color(out/in)
PP-R-S3.2-D20x2.8	160	Green/White/Green
PP-R-S3.2-D25x3.5	128	Green/White/Green
PP-R-S3.2-D32x4.4	64	Green/White/Green
PP-R-S3.2-D40x5.5	48	Green/White/Green
PP-R-S3.2-D50x6.9	28	Green/White/Green
PP-R-S3.2-D63x8.6	20	Green/White/Green
PP-R-S3.2-D75x10.3	16	Green/White/Green
PP-R-S3.2-D90x12.3	12	Green/White/Green
PP-R-S3.2-D110x15.1	8	Green/White/Green
PP-R-S3.2-D160x21.9	4	Green/White/Green

S2.5 Fiber composite pipe



Specif.	Packing Specif. (m)	Color(out/in)
PP-R-S2.5-D20x3.4	160	Green/White/Green
PP-R-S2.5-D25x4.2	128	Green/White/Green
PP-R-S2.5-D32x5.4	64	Green/White/Green
PP-R-S2.5-D40x6.7	48	Green/White/Green
PP-R-S2.5-D50x8.3	28	Green/White/Green
PP-R-S2.5-D63x10.5	20	Green/White/Green
PP-R-S2.5-D75x12.5	16	Green/White/Green
PP-R-S2.5-D90x15	12	Green/White/Green
PPR-S2.5-D110x18.3	8	Green/White/Green
PPR-S2.5-D160x26.6	4	Green/White/Green

S3.2 Basalt fiber ppr pipe



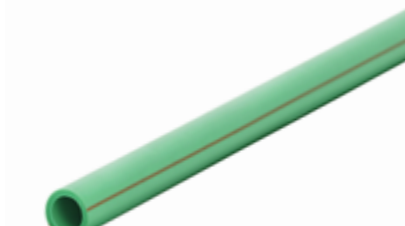
Specif.	Packing Specif. (m)	Color
PP-R-S3.2-D20x2.8	160	Green/Black/Green
PP-R-S3.2-D25x3.5	128	Green/Black/Green
PP-R-S3.2-D32x4.4	64	Green/Black/Green
PP-R-S3.2-D40x5.5	48	Green/Black/Green
PP-R-S3.2-D50x6.9	28	Green/Black/Green
PP-R-S3.2-D63x8.6	20	Green/Black/Green
PP-R-S3.2-D75x10.3	16	Green/Black/Green
PP-R-S3.2-D90x12.3	12	Green/Black/Green
PP-R-S3.2-D110x15.1	8	Green/Black/Green
PP-R-S3.2-D160x21.9	4	Green/Black/Green

S2.5 Basalt fiber ppr pipe



Specif.	Packing Specif. (m)	Color
PP-R-S2.5-D20x3.4	160	Green/Black/Green
PP-R-S2.5-D25x4.2	128	Green/Black/Green
PP-R-S2.5-D32x5.4	64	Green/Black/Green
PP-R-S2.5-D40x6.7	48	Green/Black/Green
PP-R-S2.5-D50x8.3	28	Green/Black/Green
PP-R-S2.5-D63x10.5	20	Green/Black/Green
PP-R-S2.5-D75x12.5	16	Green/Black/Green
PP-R-S2.5-D90x15	12	Green/Black/Green
PPR-S2.5-D110x18.3	8	Green/Black/Green
PPR-S2.5-D160x26.6	4	Green/Black/Green

S4 PP-RCT pipe



Specif.	Packing Specif. (m)	Color
PP-R-S4-D20x2.3	160	Green
PP-R-S4-D25x2.8	128	Green
PP-R-S4-D32x3.6	64	Green
PP-R-S4-D40x4.5	48	Green
PP-R-S4-D50x5.6	28	Green
PP-R-S4-D63x7.1	20	Green
PP-R-S4-D75x8.4	16	Green
PP-R-S4-D90x10.1	12	Green
PP-R-S4-D110x12.3	8	Green
PP-R-S4-D160x17.9	4	Green

S3.2 PP-RCT pipe



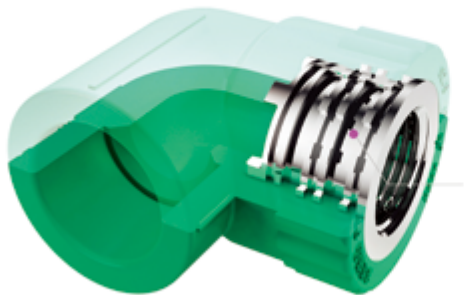
Specif.	Packing Specif. (m)	Color
PP-R-S3.2-D20x2.8	160	Green
PP-R-S3.2-D25x3.5	128	Green
PP-R-S3.2-D32x4.4	64	Green
PP-R-S3.2-D40x5.5	48	Green
PP-R-S3.2-D50x6.9	28	Green
PP-R-S3.2-D63x8.6	20	Green
PP-R-S3.2-D75x10.3	16	Green
PP-R-S3.2-D90x12.3	12	Green
PP-R-S3.2-D110x15.1	8	Green
PP-R-S3.2-D160x21.9	4	Green

S2.5 PP-RCT pipe



Specif.	Packing Specif. (m)	Color
PP-R-S2.5-D20x3.4	160	Green
PP-R-S2.5-D25x4.2	128	Green
PP-R-S2.5-D32x5.4	64	Green
PP-R-S2.5-D40x6.7	48	Green
PP-R-S2.5-D50x8.3	28	Green
PP-R-S2.5-D63x10.5	20	Green
PP-R-S2.5-D75x12.5	16	Green
PP-R-S2.5-D90x15	12	Green
PPR-S2.5-D110x18.3	8	Green
PPR-S2.5-D160x26.6	4	Green

PP-R Fittings



RIFENG swallow-tailed structure



- Common structure
- RIFENG swallow-tailed structure

RIFENG swallow-tailed structure ensures zero leakage, excellent air-proof performance and safer connections.

The plastic section of the common PP-R fittings is apt to deform when the temperature fluctuates so that leakage may occurs.

Standards

- DVGW W534
- UNE EN ISO 15874
- NSF 61

Certificates



GERMANY



SPAIN



USA



URUGUAY

Straight coupling



Specif.	pcs/box	pcs/ctn.
F12-S20x20	135	1,620
F12-S25x25	80	960
F12-S32x32	40	480
F12-S40x40		210
F12-S50x50		112
F12-S63x63		64
F12-S75x75		48
F12-S90x90		20
F12-S110x110		12
F12-S160x160		10

Reducing coupling



Specif.	pcs/box	pcs/ctn.
F12-S25x20	90	1,080
F12-S32x20	60	720
F12-S32x25	50	600
F12-S40x20		300
F12-S40x25		300
F12-S40x32		200
F12-S50x20		160
F12-S50x25		160
F12-S50x32		168
F12-S50x40		112
F12-S63x32		81
F12-S63x40		98
F12-S63x50		70
F12-S75x63		36
F12-S90x50		28
F12-S90x63		20
F12-S90x75		24
F12-S110x50		18
F12-S110x63		20
F12-S110x75		20
F12-S110x90		12
F12-S160x110		10

S–straight coupling



Specif.	pcs/box	pcs/ctn.
F12-S20x20	48	192
F12-S25x25	30	120

Elbow



Specif.	pcs/box	pcs/ctn.
F12-L20x20	80	960
F12-L25x25	50	600
F12-L32x32	24	288
F12-L40x40		120
F12-L50x50		57
F12-L63x63		24
F12-L75x75		18
F12-L90x90		12
F12-L110x110		6
F12-L160x160		4

Elbow (45°)



Specif.	pcs/box	pcs/ctn.
F12-L20x20	90	1,080
F12-L25x25	60	720
F12-L32x32	30	360
F12-L40x40		120
F12-L50x50		60
F12-L63x63		36
F12-L75x75		24
F12-L90x90		12
F12-L110x110		8
F12-L160x160		4

Reducing elbow



Specif.	pcs/box	pcs/ctn.
F12-L25x20	50	600
F12-L32x20	32	384
F12-L32x25	24	288

Large arc elbow



Specif.	pcs/box	pcs/ctn.
F12-L20x20	50	200
F12-L25x25	30	120
F12-L32x32	15	60

Tee



Specif.	pcs/box	pcs/ctn.
F12-T20x20x20	60	720
F12-T25x25x25	32	384
F12-T32x32x32	20	240
F12-T40x40x40		92
F12-T50x50x50		54
F12-T63x63x63		27
F12-T75x75x75		14
F12-T90x90x90		10
F12-T110x110x110		4
F12-T160x160x160		4

Reducing tee

	Specif.	pcs/box	pcs/ctn.
	F12-T25x20x20	50	600
	F12-T25x20x25	40	480
	F12-T32x20x32	20	240
	F12-T32x25x32	20	240
	F12-T40x20x40		120
	F12-T40x25x40		120
	F12-T40x32x40		112
	F12-T50x20x50		88
	F12-T50x25x50		80
	F12-T50x32x50		60
	F12-T50x40x50		60
	F12-T63x20x63		16
	F12-T63x25x63		45
	F12-T63x32x63		36
	F12-T63x40x63		36
	F12-T63x50x63		27
	F12-T75x25x75		33
	F12-T75x32x75		30
	F12-T75x40x75		24
	F12-T75x50x75		20
	F12-T75x63x75		18
	F12-T90x40x90		12
	F12-T90x50x90		12
	F12-T90x63x90		12
	F12-T90x75x90		12
	F12-T110x40x110	2	
	F12-T110x50x110	10	
	F12-T110x63x110	8	
	F12-T110x75x110	6	
	F12-T110x90x110	4	
	F12-T160x110x160	4	

Sweep junction

	Specif.	pcs/box	pcs/ctn.
	F12-T20x20x20	40	160
	F12-T25x25x25	25	100

L-type elbow

	Specif.	pcs/box	pcs/ctn
	L-TYPE ELBOW F12-L20x20-RIGHT	180	16.5
	L-TYPE ELBOW F12-L20x20-LEFT	180	16.5

Corner tee

	Specif.	pcs/box	pcs/ctn.
	F12-K20x20x20	72	288
	F12-K25x25x25	48	192
	F12-K32x32x32	24	96

Side outlet tee

	Specif.	pcs/box	pcs/ctn.
	F12-X20x20x20x20	60	240
	F12-X25x25x25x25	35	140
	F12-X32x32x32x32	18	72

End cap

	Specif.	pcs/box	pcs/ctn.
	F12-D20	180	2,160
	F12-D25	150	1,800
	F12-D32	70	840
	F12-D40		325
	F12-D50		176
	F12-D63		90
	F12-D75		72
	F12-D90		34
	F12-D110		24

Pipe bridge

	Specif.	pcs/box	pcs/ctn.
	F12-W20x20(L)(S2.5)	11	165
	F12-W20x20(L)(S3.2)		165
	F12-W25x25(L)(S2.5)	10	96
	F12-W25x25(L)(S3.2)		96
	F12-W32x32(L)(S2.5)	7	70
	F12-W32x32(L)(S3.2)		70

Bridge



Specif.	pcs/box	pcs/ctn.
F12-W20x20	36	432
F12-W25x25	24	288
F12-W32x32	10	120

Male straight coupling



Specif.	pcs/box	pcs/ctn.
F12-S20x1/2M	40	240
F12-S20x3/4M	30	180
F12-S25x1/2M	35	210
F12-S25x1M	15	90
F12-S25x3/4M	30	180
F12-S32x1/2M	30	180
F12-S32x1M	12	72
F12-S32x3/4M	24	144
F12-S40x1 1/4M		60
F12-S50x1 1/2M		45
F12-S63x2M		24

Female straight coupling



Specif.	pcs/box	pcs/ctn.
F12-S20x1/2F	60	360
F12-S20x3/4F	40	240
F12-S25x1/2F	50	300
F12-S25x1F	16	96
F12-S25x3/4F	30	180
F12-S32x1/2F	40	240
F12-S32x3/4F	30	180
F12-S32x1F	16	96
F12-S40x1 1/4F		80
F12-S50x1 1/2F		60
F12-S63x2F		36

Wall-plated female elbow



Specif.	pcs/box	pcs/ctn.
F12-L20x1/2F (Z)	35	240
F12-L25x1/2F (Z)	30	180

Male elbow



Specif.	pcs/box	pcs/ctn.
F12-L20x1/2M	40	240
F12-L20x3/4M	25	150
F12-L25x1/2M	30	180
F12-L25x3/4M	25	150
F12-L25x1M	12	72
F12-L32x1/2M	24	144
F12-L32x3/4M	20	120
F12-L32x1M	10	60
F12-L40x1 1/4M		5
F12-L50x1 1/2M		3
F12-L63x2M		3

Female elbow



Specif.	pcs/box	pcs/ctn.
F12-L20x1/2F	40	240
F12-L20x3/4F	30	180
F12-L25x1/2F	35	210
F12-L25x3/4F	30	180
F12-L25x1F	15	90
F12-L32x1/2F	24	144
F12-L32x3/4F	16	96
F12-L32x1F	12	72
F12-L40x1 1/4F		48
F12-L50x1 1/2F		30
F12-L63x2F		3

Female tee



Specif.	pcs/box	pcs/ctn.
F12-T20x1/2Fx20	36	216
F12-T25x1/2Fx25	30	180
F12-T25x3/4Fx25	25	150
F12-T25x1Fx25	12	72
F12-T32x1/2Fx32	18	108
F12-T32x3/4Fx32	12	72
F12-T32x1Fx32	10	60
F12-T40x1 1/4Fx40		7
F12-T50x1 1/2Fx50		12
F12-T63x2Fx63		6

Male tee



Specif.	pcs/box	pcs/ctn.
F12-T20x1/2Mx20	30	188
F12-T25x1/2Mx25	24	144
F12-T25x3/4Mx25	20	120
F12-T32x1/2Mx32	15	90
F12-T32x3/4Mx32	15	90
F12-T32x1Mx32	10	60

Demountable straight coupling



Specif.	pcs/box	pcs/ctn.
F12-S20x20 (H)	20	120
F12-S25x25 (H)	15	90
F12-S32x32 (H)	12	72
F12-S40x40 (H)	9	54
F12-S75x75 (H)		10

Demountable male coupling



Specif.	pcs/box	pcs/ctn.
F12-S20x1/2M (H)	25	150
F12-S25x3/4M (H)	25	150
F12-S25x1M (H)	20	120
F12-S32x3/4M (H)	15	90
F12-S32x1M (H)	12	72
F12-S40x1 1/4M (H)		12
F12-S50x1 1/2M (H)		6
F12-S63x2M (H)		5

Demountable female elbow



Specif.	pcs/box	pcs/ctn.
F12-L20x1/2F (H2)	50	300
F12-L25x1/2F (H2)	20	120
F12-L25x3/4F (H2)	30	180
F12-L32x3/4F (H2)	25	150

Demountable female coupling



Specif.	pcs/box	pcs/ctn.
F12-S20x1/2F (H)	30	180
F12-S20x3/4F (H)	25	150
F12-S25x1/2F (H)	20	120
F12-S25x3/4F (H)	20	120
F12-S32x3/4F (H2)	28	168
F12-S32x1F (H)	15	90
F12-S40x1 1/4F (H) II		60
F12-S50x1 1/2F (H) II		45
F12-S63x2F (H) II		17

Double female elbow



Specif.	pcs/box	pcs/ctn.
F12-L20x1/2F	10	60
F12-L25x1/2F	8	48

Assembly double female tee



Specif.	pcs/box	pcs/ctn.
F12-L20x1/2F (150)	12	48
F12-L25x1/2F (150)	12	48

U-profile tap elbow



Specif.	pcs/box	pcs/ctn.
F12-L20x1/2F (150)	6	24
F12-L25x1/2F (150)	6	24

Double linked female elbow threaded



Description	pcs/box	pcs/ctn
F12-L20x1/2F(100)	6	72
F12-L25x1/2F(100)	6	72
F12-L20x1/2F(150)	5	60
F12-L25x1/2F(150)	4	48
F12-L20x1/2F(200)	4	48
F12-L25x1/2F(200)	4	48

Double linked female tee threaded



Description	pcs/box	pcs/ctn
F12-T20x1/2Fx20(150)	4	48
F12-T25x1/2Fx25(150)	4	48
F12-T20x1/2Fx20(150)	3	36
F12-T25x1/2Fx25(150)	3	36

Female tee + Female elbow



Description	pcs/box	pcs/ctn
F12-20x1/2F(150)	3	36
F12-25x1/2F(150)	3	36
F12-20x1/2F(150)	3	36
F12-25x1/2F(150)	3	36

Female u tee + Female elbow



Description	pcs/box	pcs/ctn
F12-20x1/2F(150)	3	36
F12-25x1/2F(150)	3	36

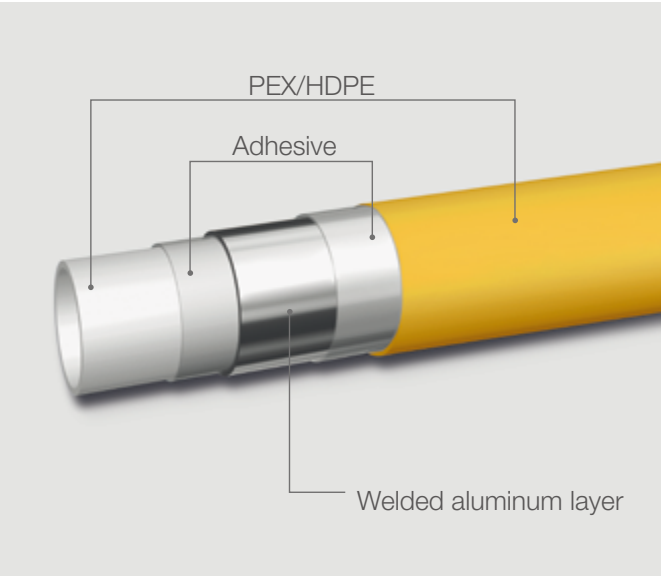
GAS PIPING SYSTEM

Multilayer Pipes
Press Fittings
Compression Fittings



Multilayer Gas Pipe

- The integration of both plastic and metal pipes
- Entirely corrosion-resistant
- A barrier to the permeation of oxygen and light
- Service life up to 50 years
- Flexible and can retain bent shape
- Smooth inner wall ensures less pressure loss
- Light in weight
- Overlapped and butt welding are both available



Standards

- UNE 53008.1
 - AS 4176.8
 - ISO 17484
- ASTM F1281
 - ISO 18225

Certificates



Range of multilayer gas pipes

B1	DB1	C	DC
PEX-AL-PEX	PEX-AL-PEX	PE-AL-PE	PE-AL-PE
Overlapped welded	Butt welded	Overlapped welded	Butt welded

HDPE–AL–HDPE(C Series)



Specif.	Packing Specif. (m)	Color(out/in)
C-1216	100/200	Yellow/Black or Yellow/Transparent
C-1620	100/200	Yellow/Black or Yellow/Transparent
C-2025	50/100	Yellow/Black or Yellow/Transparent
C-2632	50/100	Yellow/Black or Yellow/Transparent

HDPE–AL–HDPE(DC Series)



Specif.	Packing Specif. (m)	Color(out/in)
DC-1216	100/200	Yellow/Black(UV) or Black /Black(UV)
DC-1620	100/200	Yellow/Black(UV) or Black /Black(UV)
DC-2025	50/100	Yellow/Black(UV) or Black /Black(UV)
DC-2632	50/100	Yellow/Black(UV) or Black /Black(UV)

PEX–AL–PEX(B1 Series)



Specif.	Packing Specif. (m)	Color(out/in)
B1-1216	100/200	Yellow/Transparent
B1-1620	100/200	Yellow/Transparent
B1-2025	50/100	Yellow/Transparent
B1-2632	50/100	Yellow/Transparent

PEX–AL–PEX(DB1 Series)



Specif.	Packing Specif. (m)	Color(out/in)
DB1-1216	100/200	Yellow/ Yellow or Black / Transparent or White/ Black(UV)
DB1-1620	100/200	Yellow/ Yellow or Black / Transparent or White/ Black(UV)
DB1-2025	50/100	Yellow/ Yellow or Black / Transparent or White/ Black(UV)
DB1-2632	50/100	Yellow/ Yellow or Black / Transparent or White/ Black(UV)



Press Fittings - F5

- U pressing profile
 - Ease and security of installation
- High quality sealing materials with NBR O-rings
 - Cost-effective

Standards

- UNE53008.1
 - AS4176.8
 - ISO17484
- AS 3688
 - ISO 18225

Certificates



Straight coupling



Specif.	pcs/box	pcs/ctn.
F5-S1216x1216(G)	40	320
F5-S1620x1620(G)	30	240
F5-S2025x2025(G)	15	120
F5-S2632x2632(G)		90

Reducing coupling



Specif.	pcs/box	pcs/ctn.
F5-S1620x1216(G)	35	280
F5-S2025x1216(G)	15	120
F5-S2025x1620(G)	18	144
F5-S2632x1620(G)	12	96
F5-S2632x2025(G)	10	80

Male straight coupling



Specif.	pcs/box	pcs/ctn.
F5-S1216x1/2(G)	50	400
F5-S1216x3/4(G)	40	320
F5-S1620x1/2(G)	35	280
F5-S1620x3/4(G)		200
F5-S2025x1/2(G)	18	144
F5-S2025x3/4(G)	18	144
F5-S2632x3/4(G)	12	96
F5-S2632x1(G)		96

Female straight coupling



Specif.	pcs/box	pcs/ctn.
F5-S1216x1/2F(G)	35	280
F5-S1216x3/4F(G)	20	160
F5-S1620X1/2F(G)	35	280
F5-S1620x3/4F(G)	20	160
F5-S2025x1/2F(G)	20	160
F5-S2025x3/4F(G)		96
F5-S2025x1F(G)		120
F5-S2632x3/4F(G)	16	128

Demountable female straight coupling



Specif.	pcs/box	pcs/ctn.
F5-S1216x1/2F(H)(G)	48	384
F5-S1620x3/4F(H)(G)	24	192
F5-S2025x3/4F(H)(G)		120

Elbow



Specif.	pcs/box	pcs/ctn.
F5-L1216x1216(G)	24	192
F5-L1620x1620(G)	18	144
F5-L2025x2025(G)	10	80
F5-L2632x2632(G)		45

Reducing elbow



Specif.	pcs/box	pcs/ctn.
F5-L1620x1216(G)	25	200
F5-L2025x1216(G)	12	96
F5-L2025x1620(G)	14	11
F5-L2632x1620(G)	10	80

Male elbow



Specif.	pcs/box	pcs/ctn.
F5-L1216x1/2(G)	24	192
F5-L1216x3/4(G)	15	120
F5-L1620x1/2(G)	24	192
F5-L1620x3/4(G)	15	120
F5-L2025x1/2(G)		96
F5-L2025x3/4(G)	10	80
F5-L2025x1(G)	10	80

Female elbow



Specif.	pcs/box	pcs/ctn.
F5-L1216x1/2F(G)	25	25
F5-L1620x1/2F(G)	22	22
F5-L1620x3/4F(G)	15	15
F5-L2025x1/2F(G)	12	12

Wall-plated female elbow



Specif.	pcs/box	pcs/ctn.
F5-L1216x1/2F(Z)(G)	14	112
F5-L1620x1/2F(Z)(G)	12	96

Tee



Specif.	pcs/box	pcs/ctn.
F5-T1216x1216x1216(G)	15	120
F5-T1620x1620x1620(G)	14	112
F5-T2025x2025x2025(G)		64
F5-T2632x2632x2632(G)	4	32

Reducing tee



Specif.	pcs/box	pcs/ctn.
F5-T1216x1620x1216(G)	15	120
F5-T1620x1216x1216(G)	15	120
F5-T1620x1216x1620(G)	14	112
F5-T1620x1620x1216(G)	15	120
F5-T2025x1216x1216(G)		96
F5-T2025x1216x2025(G)		70
F5-T2025x1620x1620(G)		70
F5-T2025x1620x2025(G)		70
F5-T2025x2025x1216(G)		70
F5-T2632x1216x2632(G)		48
F5-T2632x1620x2632(G)		48
F5-T2632x2025x2632(G)		36

Male tee



Specif.	pcs/box	pcs/ctn.
F5-T1216x1/2x1216(G)	15	120
F5-T1620x1/2x1620(G)	10	80
F5-T2025x3/4x2025(G)		72

Female tee



Specif.	pcs/box	pcs/ctn.
F5-T1216x1/2Fx1216(G)	16	128
F5-T1216x3/4Fx1216(G)	10	80

End cap



Specif.	pcs/box	pcs/ctn.
F5-D1216(G)	75	600
F5-D1620(G)	60	480
F5-D2025(G)	24	192
F5-D2632(G)	16	128



Press Fittings - F9

- TH pressing profile
- Excellent sealing and durability
- Leakage detection during pressure testing in case of inadequate pressing

Standards

- UNE 53008-1

Certificates



Straight coupling

	Specif.	pcs/box	pcs/ctn.
	F9-S1216x1216(G)	40	320
	F9-S1620x1620(G)	25	200
	F9-S2026x2026(G)	15	120
	F9-S2632x2632(G)		90

Reducing coupling

	Specif.	pcs/box	pcs/ctn.
	F9-S1620x1216(G)	30	240
	F9-S2026x1216(G)	15	120
	F9-S2026x1620(G)	15	120
	F9-S2632x1620(G)	10	80
	F9-S2632x2026(G)	10	80

Male straight coupling

	Specif.	pcs/box	pcs/ctn.
	F9-S1216x1/2(G)	40	320
	F9-S1216x3/4(G)	25	200
	F9-S1620x1(G)	8	64
	F9-S1620x1/2(G)	35	280
	F9-S1620x3/4(G)	25	200
	F9-S2026x1(G)	15	120
	F9-S2026x1/2(G)	18	144
	F9-S2026x3/4(G)	15	120
	F9-S2632x1(G)	12	96

Female straight coupling

	Specif.	pcs/box	pcs/ctn.
	F9-S1216x1/2F(G)	35	280
	F9-S1216x3/4F(G)	20	160
	F9-S1620x1/2F(G)	30	240
	F9-S1620x3/4F(G)	20	160
	F9-S2026x1/2F(G)	15	120
	F9-S2026x1F(G)	16	128
	F9-S2026x3/4F(G)	15	120
	F9-S2632x1F(G)	12	96

Demountable female straight coupling

	Specif.	pcs/box	pcs/ctn.
	F9-S1216x1/2F(H)(G)	40	320
	F9-S1216x3/4F(H)(G)		250
	F9-S1216x3/8F(H)(G)	50	400
	F9-S1620x1/2F(H)(G)	30	240
	F9-S1620x3/4F(H)(G)	20	160
	F9-S2026x1F(H)(G)	12	96
	F9-S2026x3/4F(H)(G)	15	120
	F9-S2632x1F(H)(G)	15	120

Elbow

	Specif.	pcs/box	pcs/ctn.
	F9-L1216x1216(G)	28	224
	F9-L1620x1620(G)	15	120
	F9-L2026x2026(G)	10	80
	F9-L2632x2632(G)	5	40

Male elbow

	Specif.	pcs/box	pcs/ctn.
	F9-L1216x1/2(G)	20	160
	F9-L1216x3/4(G)	15	120
	F9-L1620x1/2(G)	24	192
	F9-L1620x3/4(G)	15	120
	F9-L2026x1(G)	12	96
	F9-L2026x3/4(G)	10	80
	F9-L2632x1(G)		60

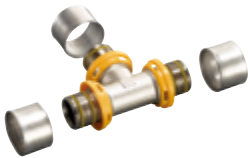
Female elbow

	Specif.	pcs/box	pcs/ctn.
	F9-L1216x1/2F(G)	25	200
	F9-L1216x3/4F(G)	15	120
	F9-L1620x1/2F(G)	20	160
	F9-L1620x3/4F(G)	15	120
	F9-L2026x1F(G)	9	72
	F9-L2026x3/4F(G)	10	80
	F9-L2632x1F(G)		60

Wall-plated female elbow

	Specif.	pcs/box	pcs/ctn.
	F9-L1216x1/2F(Z)(G)	14	112
	F9-L1620x1/2F(Z)(G)	12	96
	F9-L1620x3/4F(Z)(G)	12	96

Tee



Specif.	pcs/box	pcs/ctn.
F9-T1216x1216x1216(G)	15	120
F9-T1620x1620x1620(G)	10	80
F9-T2026x2026x2026(G)	8	64
F9-T2632x2632x2632(G)		30

Reducing tee



Specif.	pcs/box	pcs/ctn.
F9-T1216x1620x1216(G)	15	120
F9-T1620x1216x1216(G)	15	120
F9-T1620x1216x1620(G)	15	120
F9-T1620x1620x1216(G)	15	120
F9-T1620x2026x1620(G)	12	96
F9-T2026x1216x2026(G)		70
F9-T2026x1620x1620(G)	10	80
F9-T2026x1620x2026(G)		70
F9-T2026x2026x1620(G)		70
F9-T2632x1216x2632(G)	6	48
F9-T2632x1620x2632(G)	6	48
F9-T2632x2026x2026(G)	5	40
F9-T2632x2026x2632(G)		36

Male tee



Specif.	pcs/box	pcs/ctn.
F9-T1216x1/2x1216(G)	15	120
F9-T1620x1/2x1620(G)	15	120
F9-T1620x3/4x1620(G)	10	80
F9-T2026x3/4x2026(G)	10	80
F9-T2632x1x2632(G)		36

Female tee



Specif.	pcs/box	pcs/ctn.
F9-T1216x1/2Fx1216(G)	15	120
F9-T1620x1/2Fx1620(G)	10	80
F9-T1620x3/4Fx1620(G)	12	96
F9-T2026x1/2Fx2026(G)	9	72
F9-T2026x3/4Fx2026(G)	8	64
F9-T2632x1Fx2632(G)		36



Compression Fittings - F1

- Removable and reusable
 - Quick and simple installation with a spanner
 - Excellent sealing performance with NBR double O-ring
- Cost-effective
 - Pressure and corrosion resistant

Standards

- AS 4176.8
- ISO 17484

Certificates



Straight coupling

	Specif.	pcs/box	pcs/ctn.
	F1-S1216x1216 C(G)	24	192
	F1-S1418x1418 C(G)	24	192
	F1-S1620x1620 C(G)	20	160
	F1-S2025x2025 C(G)	14	112

Reducing coupling

	Specif.	pcs/box	pcs/ctn.
	F1-S2025x1216 C(G)	15	120
	F1-S2025x1620 C(G)	15	120

Male straight coupling

	Specif.	pcs/box	pcs/ctn.
	F1-S1216x1/2 C(G)	36	288
	F1-S1418x1/2 C(G)	24	192
	F1-S1620x1/2 C(G)	24	192
	F1-S2025x1 C(G)	16	128
	F1-S2025x1/2 C(G)	16	128
	F1-S2025x3/4 C(G)	16	128

Female straight coupling

	Specif.	pcs/box	pcs/ctn.
	F1-S1216x1/2F C(G)	30	240
	F1-S1418x1/2F C(G)	30	240
	F1-S1620x1/2F C(G)	30	240
	F1-S2025x1/2F C(G)	20	160

Elbow

	Specif.	pcs/box	pcs/ctn.
	F1-L1216x1216 C(G)	15	120
	F1-L1418x1418 C(G)	15	120
	F1-L1620x1620 C(G)	15	120
	F1-L2025x2025 C(G)	10	80

Male elbow

	Specif.	pcs/box	pcs/ctn.
	F1-L1216x1/2 C(G)	20	160
	F1-L1418x1/2 C(G)	20	160
	F1-L1620x1/2 C(G)	16	128

Female elbow

	Specif.	pcs/box	pcs/ctn.
	F1-L1216x1/2F C(G)	20	160
	F1-L1620x1/2F C(G)	15	120
	F1-L2025x1/2F C(G)	12	96

Tee

	Specif.	pcs/box	pcs/ctn.
	F1-T1216x1216x1216 C(G)	12	96
	F1-T1418x1418x1418 C(G)		96
	F1-T1620x1620x1620 C(G)		96
	F1-T2025x2025x2025 C(G)		48

Reducing tee

	Specif.	pcs/box	pcs/ctn.
	F1-T1216x1620x1216 C(G)	10	80
	F1-T2025x1216x2025 C(G)	7	56

Female tee

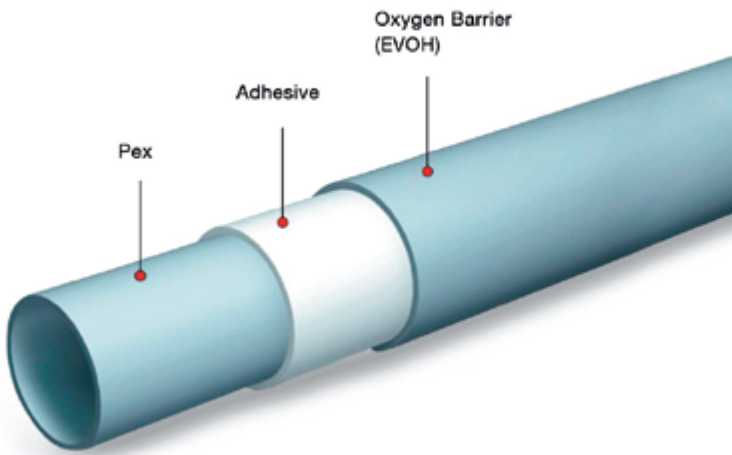
	Specif.	pcs/box	pcs/ctn.
	F1-T1216x1/2Fx1216 C(G)	15	120
	F1-T1620x1/2Fx1620 C(G)		96

UNDERFLOOR HEATING SYSTEM

Oxygen Barrier PEX Pipes
Multilayer Pipes
Underfloor Heating Manifolds

Oxygen Barrier PEX Pipes

RIFENG oxygen barrier PEX pipe is designed to prevent the oxygen molecules from entering the underfloor heating system. RIFENG oxygen barrier pipes meet the requirements of ASTM F876, F877 and CSA B137.5 and are ideal for laying under-floor pipe circuits.



Standards

- ASTM F876/F877
- CSA B137.5
- AWWA C904

Certificates



PEX–b Pipe with EVOH

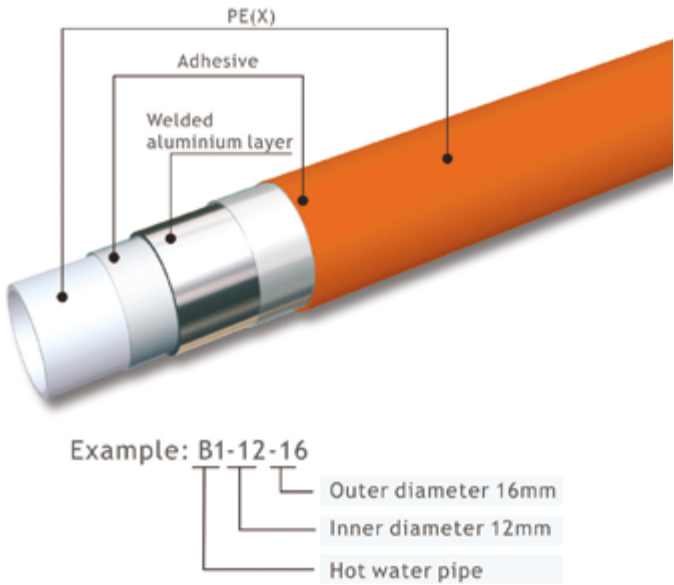


Specif.	Packing Specif. (m)	Color
PEX-b/EVOH-16x1.5	100/200/300	Red/White
PEX-b/EVOH-16x1.8	100/200/300	Red/White
PEX-b/EVOH-16x2.0	100/200/300	Red/White
PEX-b/EVOH-20x1.9	100/200/300	Red/White
PEX-b/EVOH-20x2.0	100/200/300	Red/White
PEX-b/EVOH-20x2.8	100/200/300	Red/White
PEX-b/EVOH-25x2.3	100/200/300	Red/White
PEX-b/EVOH-32x3.0	100/200/300	Red/White

Specif.	Packing Specif. (ft)	Color
PEX-b/EVOH-3/8"	100/300/500/1000	Red/White
PEX-b/EVOH-1/2"	100/250/300/500/1000	Red/White
PEX-b/EVOH-5/8"	100/250/300/500/1000	Red/White
PEX-b/EVOH-3/4"	100/250/300/500/1000	Red/White
PEX-b/EVOH-1"	100/300/500	Red/White

Multilayer Pipes for Underfloor Heating

RIFENG PEX-AL-PEX pipe is composite with an aluminum layer that's overlapped welded and acts as a barrier to the passage of oxygen and light. It also provides excellent mechanical resistance and flexibility during installation.



Standards

- ASTM1281
- CSA B137.10
- BRL K536
- BS 6920
- (UNE SANS NF EN) ISO 21003

Certificates



PEX-AL-PEX (B1 Series)



Specif.	Packing Specif. (m)	Color
B1-0912	100/200	Orange/Transparent/ White/Transparent
B1-1216	100/200	Orange/Transparent/ White/Transparent
B1-1620	100/200	Orange/Transparent/ White/Transparent
B1-2025	50/100	Orange/Transparent/ White/Transparent
B1-2632	50/100	Orange/Transparent/ White/Transparent

Specif.	Packing Specif. (ft)	Color
B1-3/8"	200	Orange/Transparent/ White/Transparent
B1-1/2"	100/250/300/500/1000	Orange/Transparent/ White/Transparent
B1-5/8"	100/250/300/500/1000	Orange/Transparent/ White/Transparent
B1-3/4"	100/250/300/500/1000	Orange/Transparent/ White/Transparent
B1-1"	100/250/300/500/1000	Orange/Transparent/ White/Transparent



Underfloor Heating Manifolds

Features

- Superior material for manifold body
- Flow meter is more accurate and easier to install without a spanner; the explosion-proof performance
- Substantially upgraded
- Return manifold equipped with stop valves and thermal actuators
- Excellent sealing performance with double O-rings
- Equipped with automatic and manual air vents and drain valves

Technical data

Materials
Manifold body: stainless steel (FN16), brass(FN9)
Seal: EPDM

Working media
Media 1: Water
Media 2: 50% water and 50% ethylene glycol
Media 3: 50% water and 50% propylene glycol

Connection
Supply / return: G1"female
Circuit: G3/4"male
Flow meter connection: G1/2"male

Standards

- CSA B137.5
- ASTM F877
- ASTM F1807

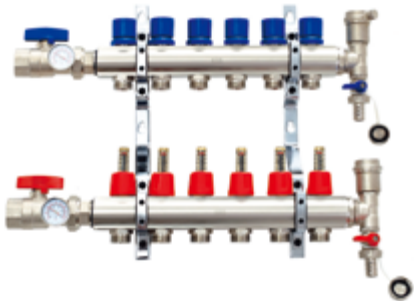
Certificates



Flow meters
Indication scale: 0.5-5L/min (0.13-1.32G/min)
Indication tolerance: ±10%
KVS value: 1.10

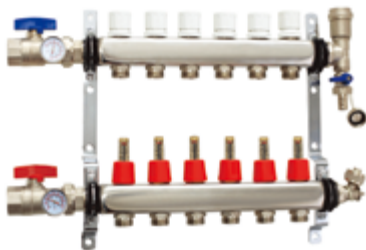
Working performance
Maximum working pressure: 10 bar (145 psi)
Constant permissible temperature: 0°C (32°F) to 70°C (158°F)
Maximum instantaneous working temperature(10min/ day): 100°C (212°F)
Maximum differential pressure: 1 bar (14.5 psi)

Manifolds kit with thermostatic control–FN09



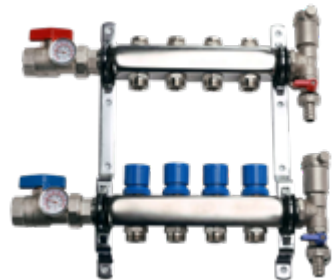
Specif.	Loops	Body Length/mm
FN9-1F-3/4*2	2	120
FN9-1F-3/4*3	3	170
FN9-1F-3/4*4	4	220
FN9-1F-3/4*5	5	270
FN9-1F-3/4*6	6	320
FN9-1F-3/4*7	7	370
FN9-1F-3/4*8	8	420
FN9-1F-3/4*9	9	470
FN9-1F-3/4*10	10	520
FN9-1F-3/4*11	11	570
FN9-1F-3/4*12	12	620

Manifolds kit with thermostatic control–FN16



Specif.	Loops	Body Length/mm
FN16-1F-3/4*2	2	155
FN16-1F-3/4*3	3	205
FN16-1F-3/4*4	4	255
FN16-1F-3/4*5	5	305
FN16-1F-3/4*6	6	355
FN16-1F-3/4*7	7	405
FN16-1F-3/4*8	8	455
FN16-1F-3/4*9	9	505
FN16-1F-3/4*10	10	555
FN16-1F-3/4*11	11	605
FN16-1F-3/4*12	12	655

Manifolds kit (without flow meter)



Specif.	Loops	Body Length/mm
FN16-1F-3/4*2	2	155
FN16-1F-3/4*3	3	205
FN16-1F-3/4*4	4	255
FN16-1F-3/4*5	5	305
FN16-1F-3/4*6	6	355
FN16-1F-3/4*7	7	405
FN16-1F-3/4*8	8	455
FN16-1F-3/4*9	9	505
FN16-1F-3/4*10	10	555
FN16-1F-3/4*11	11	605
FN16-1F-3/4*12	12	655

Connector core



Specif.	pcs/box	pcs/ctn.
F1-C0912x3/4 A	42	336
F1-C1216x1/2 A	72	576
F1-C1216x3/4 A	48	384
F1-C1216x3/4 A(05)	48	384
F1-C1620x3/4 A	48	384

Connector core



Specif.	pcs/box	pcs/ctn.
F5-C1216x1/2	42	336
F5-C1216x3/4	28	224
F5-C1620x3/4	24	192

Connector core



Specif.	pcs/box	pcs/ctn.
PF1-C1/2x1/2	72	576
PF1-C1/2x3/4	42	336
PF1-C1216x1/2	72	576
PF1-C1216x3/4	48	384
PF1-C1620x3/4	48	384
PF1-C3/4x3/4	24	192
PF1-C3/8x3/4	42	336
PF1-C5/8x1		200
PF1-C5/8x3/4	42	336



AIR CONDITIONING PIPING SYSTEM

Multilayer Pipes
Compression Fittings

Standards

- ASTM F1281
- ICC-ES LC1035

Certificates



Multilayer Pipes

RIFENG air conditioning multilayer pipes are five layer composite pipes that combine the advantages of metal and plastic pipes. The aluminum layer is diffusion-tight and can reliably prevent oxygen and gas from permeating into pipe walls. It compensates and reduces snap-back forces and heat expansion as temperature changes.

Compression Fittings

Compression fittings for AC piping system

- Specially designed for RIFENG PEX-AL-PEX air conditioning pipes.
- High pressure resistant and corrosion resistant
- NBR O-rings for good leakproof performance
- Easy installation by a spanner

Advantages of RIFENG AC piping system

- Lower price than copper pipes
- Clean and easy to install with no soldering, welding or bonding needed
- Corrosion-resistant
- Barrier to the permeation of oxygen and light
- Service life up to 50 years
- Light in weight and flexible
- Smooth inner wall ensures low pressure loss
- Heat expansion similar to that of metal pipes, enabling larger pipe friction and closer pipe clip distance

Range of RIFENG multilayer AC piping system

Air conditioner		Copper pipe dimension		Valve joint	RIFENG multilayer AC system	
HP	BTU/h	Inch	mm	UNF thread	Pipe	Fittings
1/2, 3/4, & 1	4500~11000	1/4	6.35	7/16"-20UNF	H-0912	F1-S0912*7/16(20UNF)C
		3/8	9.52	5/8"-18UNF	H-0912	F1-S0912*5/8(18UNF)C
1/5 & 2	11000~20000	1/4	6.35	7/16"-20UNF	H-0912	F1-S0912*7/16(20UNF)C
		1/2	12.7	3/4"-16UNF	H-1216	F1-S1216*3/4(16UNF)C
2.5	20000~24000	1/4	6.35	7/16"-20UNF	H-0912	F1-S0912*7/16(20UNF)C
		5/8	15.88	7/8"-14UNF	H-1620	F1-S1620*7/8(14UNF)C
3, 4	24000~36000	3/8	9.52	5/8"-18UNF	H-0912	F1-S0912*5/8(18UNF)C
		5/8	15.88	7/8"-14UNF	H-1620	F1-S1620*7/8(14UNF)C
5, 6 & 7	36000~52000	5/8	15.88	7/8"-14UNF	H-1620	F1-S1620*7/8(14UNF)C
		3/4	19.05	17/16"-14UNF	H-1825	F1-S1825*17/16(14UNF)C

PEX–AL–PEX (H Serie)



Specif.	Packing Specif. (m)	Color(out/in)
H-0712	50/100	Golden/Transparent or White/Transparent
H-0912	50/100	Golden/Transparent or White/Transparent
H-1216	50/100	Golden/Transparent or White/Transparent
H-1620	50/100	Golden/Transparent or White/Transparent
H-1825	50/100	Golden/Transparent or White/Transparent

Compression fittings



Specif.	pcs/box	pcs/ctn.
F1-S0712x5/8(18UNF)C	42	336
F1-S0712x7/16(20UNF)C	56	448
F1-S0912*7/16(20UNF)C	56	448
F1-S0912*5/8(18UNF)C	42	336
F1-S1216*3/4(16UNF)C	30	240
F1-S1216*7/8(14UNF)C	28	224



PVC Drainage Piping Series

- RIFENG solid drainage piping series is in accordance with GB/T 5836.1-2006, GB/T 5836.2-2006, ISO 3633 and AS/NZS1260 standards.

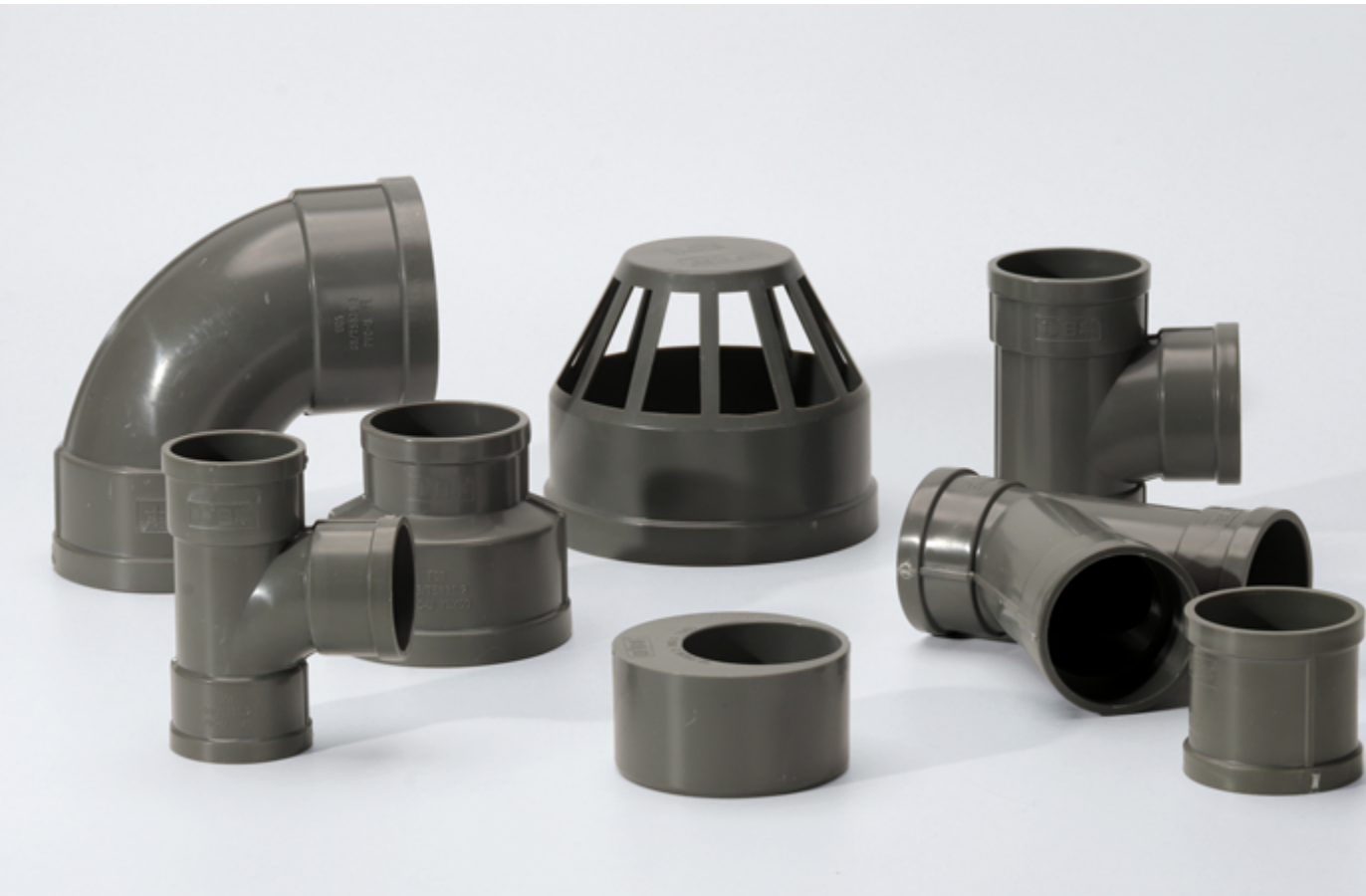
 - Smooth drainage
Smooth pipe inner wall and seamless adhesive connection between pipe and fittings
- High impact resistance
Excellent physical and chemical properties and improved tensile strength
 - Stiffeners
F30 fittings feature unique stiffeners which enable the structure to be more stable

Standards

- ISO 3633
- AS/NZS1260

Certificates





Solid pipes



Specif.	Packing Specif. (m)	Color
PVC-U-40x2.0	5.8	White
PVC-U-50x2.0	5.8	White
PVC-U-75x2.3	5.8	White
PVC-U-110x3.2	5.8	White
PVC-U-160x4.0	5.8	White
PVC-U-200x4.9	5.8	White
PVC-U-250x6.2	5.8	White
PVC-U-315x7.8	5.8	White

Pressure drainage pipes



Specif.	Packing Specif. (m)	Color
PVC-U-110x4.0-6	5.8	White
PVC-U-160x5.0-6	5.8	White

Solid Fittings

Straight coupling



Specif.	pcs/ctn.	Color
F30-S32x32	630	White/Gray
F30-S40x40	330	White/Gray
F30-S50x50	220	White/Gray
F30-S75x75	120	White/Gray
F30-S90x90	72	White/Gray
F30-S110x110	48	White/Gray
F30-S125x125	36	White/Gray
F30-S160x160	36	White/Gray
F30-S200x200	24	White/Gray
F30-S250x250	9	White/Gray
F30-S315x315	4	White/Gray

Vertical pipe cleanout



Specif.	pcs/ctn.	Color
F30-S50x50	75	White/Gray
F30-S75x75	50	White/Gray
F30-S110x110	34	White/Gray
F30-S125x125	16	White/Gray
F30-S160x160	16	White/Gray
F30-S200x200	8	White/Gray

Simple expansion joint



Specif.	pcs/ctn	Color
F30-E50x50	156	White/Gray
F30-E75x75	96	White/Gray
F30-E110x110	33	White/Gray
F30-E125x125	24	White/Gray
F30-E160x160	18	White/Gray
F30-E200x200	18	White/Gray

Expansion joint



Specif.	pcs/ctn.	Color
F30-E50x50	112	White/Gray
F30-E75x75	60	White/Gray
F30-E110x110	60	White/Gray
F30-E125x125	18	White/Gray
F30-E160x160	21	White/Gray
F30-E200x200	18	White/Gray

Reducing bush



Specif.	pcs/ctn.	Color
F30-SD40x32	990	White/Gray
F30-SD50x40	570	White/Gray
F30-SD75x50	168	White/Gray
F30-SD110x50	132	White/Gray
F30-SD110x75	132	White/Gray
F30-SD125x110	35	White/Gray
F30-SD160x110	42	White/Gray
F30-SD200x110	26	White/Gray
F30-SD200x160	24	White/Gray
F30-SD250x110	10	White/Gray
F30-SD250x160	12	White/Gray
F30-SD250x200	12	White/Gray
F30-SD315x110	14	White/Gray
F30-SD315x160	7	White/Gray
F30-SD315x200	14	White/Gray

Reducing coupling



Specif.	pcs/ctn.	Color
F30-S75x50	108	White/Gray
F30-S110x50	84	White/Gray
F30-S110x75	84	White/Gray
F30-S160x110	33	White/Gray
F30-S200x160	36	White/Gray

Decentered reducing coupling



Specif.	pcs/ctn.	Color
F30-SP75x50	120	White/Gray
F30-SP110x75	96	White/Gray
F30-SP110x75	96	White/Gray
F30-SP160x110	36	White/Gray

Built-in straight connector



Specif.	pcs/ctn.	Color
F30-S50	120	White/Gray
F30-S75	45	White/Gray
F30-S110	60	White/Gray
F30-S160	32	White/Gray

Elbow



Specif.	pcs/ctn.	Color
F30-L32x32	231	White/Gray
F30-L40x40	138	White/Gray
F30-L50x50	90	White/Gray
F30-L75x75	50	White/Gray
F30-L90x90	32	White/Gray
F30-L110x110	40	White/Gray
F30-L125x125	24	White/Gray
F30-L160x160	16	White/Gray
F30-L200x200	8	White/Gray
F30-L250x250	4	White/Gray
F30-L315x315	2	White/Gray

Elbow with cleanout



Specif.	pcs/ctn	Color
F30-L50x50	70	White/Gray
F30-L75x75	50	White/Gray
F30-L110x110	32	White/Gray
F30-L160x160	16	White/Gray
F30-L200x200	5	White/Gray

Elbow (45°)



Specif.	pcs/ctn.	Color
F30-L32x32	364	White/Gray
F30-L40x40	210	White/Gray
F30-L50x50	135	White/Gray
F30-L75x75	90	White/Gray
F30-L90x90	48	White/Gray
F30-L110x110	60	White/Gray
F30-L125x125	36	White/Gray
F30-L160x160	16	White/Gray
F30-L200x200	10	White/Gray
F30-L250x250	6	White/Gray
F30-L315x315	2	White/Gray

Elbow with cleanout (45°)



Specif.	pcs/ctn.	Color
F30-L50x50	100	White/Gray
F30-L75x75	45	White/Gray
F30-L110x110	40	White/Gray
F30-L160x160	18	White/Gray
F30-L200x200	8	White/Gray

Single socket elbow (45°)



Specif.	pcs/ctn.	Color
F30-L50x50	65	White/Gray
F30-L75x75	40	White/Gray
F30-L110x110	32	White/Gray

Elbow (88°)



Specif.	pcs/ctn.	Color
F30-L110x110	36	White/Gray

Elbow (135°)



Specif.	pcs/ctn.	Color
F30-L50x50	80	White/Gray
F30-L75x75	40	White/Gray
F30-L110x110	28	White/Gray

Elbow with cleanout (135°)



Specif.	pcs/ctn.	Color
F30-L50x50	60	White/Gray
F30-L75x75	35	White/Gray
F30-L110x110	24	White/Gray

Reducing elbow



Specif.	pcs/ctn.	Color
F30-L50x40	110	White/Gray
F30-L75x50	75	White/Gray
F30-L110x50	36	White/Gray
F30-L110x75	27	White/Gray
F30-L110x90	40	White/Gray

Necking elbow



Specif.	pcs/ctn.	Color
F30-L50	105	White/Gray
F30-L75	60	White/Gray
F30-L110	44	White/Gray

Sweep junction



Specif.	pcs/ctn.	Color
F30-T32x32x32	192	White/Gray
F30-T40x40x40	117	White/Gray
F30-T50x50x50	70	White/Gray
F30-T75x75x75	40	White/Gray
F30-T90x90x90	22	White/Gray
F30-T110x110x110	28	White/Gray
F30-T125x125x125	20	White/Gray
F30-T160x160x160	12	White/Gray
F30-T200x200x200	5	White/Gray
F30-T250x250x250	2	White/Gray
F30-T315x315x315	1	White/Gray

Sweep junction with cleanout



Specif.	pcs/ctn.	Color
F30-T75x75x75	30	White/Gray
F30-T110x110x110	24	White/Gray

Reducing sweep junction



Specif.	pcs/ctn.	Color
F30-T75x50x75	60	White/Gray
F30-T110x50x110	54	White/Gray
F30-T110x75x110	36	White/Gray
F30-T125x110x125	20	White/Gray
F30-T160x75x160	16	White/Gray
F30-T160x110x160	16	White/Gray
F30-T200x110x200	10	White/Gray
F30-T200x160x200	6	White/Gray
F30-T250x110x250	4	White/Gray
F30-T250x160x250	4	White/Gray
F30-T250x200x250	4	White/Gray
F30-T315x110x315	2	White/Gray
F30-T315x200x315	1	White/Gray
F30-T315x250x315	1	White/Gray

Y-branch tee (45°)



Specif.	pcs/ctn.	Color
F30-T32x32x32	154	White/Gray
F30-T40x40x40	96	White/Gray
F30-T50x50x50	60	White/Gray
F30-T75x75x75	35	White/Gray
F30-T90x90x90	20	White/Gray
F30-T110x110x110	20	White/Gray
F30-T125x125x125	16	White/Gray
F30-T160x160x160	8	White/Gray
F30-T200x200x200	4	White/Gray

Reducing Y-branch tee (45°)



Specif.	pcs/ctn.	Color
F30-T50x32x50	80	White/Gray
F30-T75x50x75	45	White/Gray
F30-T110x50x110	48	White/Gray
F30-T110x75x110	32	White/Gray
F30-T160x75x160	16	White/Gray
F30-T160x110x160	12	White/Gray
F30-T200x75x200	10	White/Gray
F30-T200x110x200	7	White/Gray
F30-T200x160x200	4	White/Gray
F30-T250x110x250	4	White/Gray
F30-T250x160x250	3	White/Gray

Tee (88°)



Specif.	pcs/ctn.	Color
F30-T110x110x110	24	White/Gray

Cross



Specif.	pcs/ctn.	Color
F30-X50x50x50x50	54	White/Gray
F30-X75x75x75x75	24	White/Gray
F30-X110x110x110x110	20	White/Gray
F30-X160x160x160x160	8	White/Gray
F30-X200x200x200x200	4	White/Gray

Reducing cross



Specif.	pcs/ctn.	Color
F30-X75x50x50x75	45	White/Gray
F30-X110x50x50x110	48	White/Gray
F30-X110x75x75x110	29	White/Gray
F30-X160x110x110x160	12	White/Gray
F30-X200x110x110x200	5	White/Gray
F30-X200x160x160x200	5	White/Gray

Side outlet tee



Specif.	pcs/ctn.	Color
F30-X50x50x50x50	50	White/Gray
F30-X75x75x75x75	24	White/Gray
F30-X110x110x110x110	16	White/Gray

Reducing side outlet tee



Specif.	pcs/ctn.	Color
F30-X75x50x50x75	48	White/Gray
F30-X110x50x50x110	45	White/Gray
F30-X110x75x75x110	12	White/Gray
F30-X125x110x110x125	8	White/Gray
F30-X160x110x110x160	12	White/Gray

Y-branch cross (45°)



Specif.	pcs/ctn.	Color
F30-X32x32x32x32	105	White/Gray
F30-X40x40x40x40	60	White/Gray
F30-X50x50x50x50	40	White/Gray
F30-X75x75x75x75	16	White/Gray
F30-X110x110x110x110	16	White/Gray
F30-X160x160x160x160	6	White/Gray
F30-X200x200x200x200	3	White/Gray

Reducing Y-branch cross (45°)



Specif.	pcs/ctn.	Color
F30-X50x32x32x50	55	White/Gray
F30-X75x50x50x75	30	White/Gray
F30-X110x50x50x110	35	White/Gray
F30-X110x75x75x110	24	White/Gray
F30-X160x75x75x160	12	White/Gray
F30-X160x110x110x160	6	White/Gray
F30-X200x75x75x200	8	White/Gray
F30-X200x160x160x200	3	White/Gray

H pipe fitting



Specif.	pcs/ctn.	Color
F30-H75x75x75	11	White/Gray
F30-H110x75x75	16	White/Gray
F30-H110x75x110	12	White/Gray
F30-H160x75x75	7	White/Gray
F30-H160x75x110	7	White/Gray
F30-H160x75x160	6	White/Gray

Trap



Specif.	pcs/ctn.	Color
F30-W50	90	White/Gray
F30-W75	55	White/Gray
F30-W110	32	White/Gray
F30-W160	15	White/Gray

Trap with cleanout



Specif.	pcs/ctn.	Color
F30-W50	70	White/Gray
F30-W75	40	White/Gray
F30-W110	32	White/Gray
F30-W160	12	White/Gray

Single socket trap



Specif.	pcs/ctn.	Color
F30-W50	50	White/Gray
F30-W75	30	White/Gray
F30-W110	24	White/Gray
F30-W160	9	White/Gray

Single socket trap with cleanout



Specif.	pcs/ctn.	Color
F30-W50	40	White/Gray
F30-W75	30	White/Gray
F30-W110	24	White/Gray
F30-W125	15	White/Gray
F30-W160	9	White/Gray

P-trap



Specif.	pcs/ctn.	Color
F30-PW50	40	White/Gray
F30-PW75	25	White/Gray
F30-PW110	16	White/Gray
F30-PW160	6	White/Gray

P-trap with cleanout



Specif.	pcs/ctn.	Color
F30-PW50	40	White/Gray
F30-PW75	25	White/Gray
F30-PW110	16	White/Gray
F30-PW160	6	White/Gray

Lengthen P-trap



Specif.	pcs/ctn.	Color
F30-LW50	40	White/Gray
F30-LW75	25	White/Gray
F30-LW110	16	White/Gray

Lengthen P-trap with cleanout



Specif.	pcs/ctn.	Color
F30-LW50	35	White/Gray
F30-LW75	20	White/Gray
F30-LW110	16	White/Gray

Single socket P-trap



Specif.	pcs/ctn.	Color
F30-PW50	30	White/Gray
F30-PW75	20	White/Gray
F30-PW110	12	White/Gray
F30-PW50	30	White/Gray
F30-PW75	14	White/Gray
F30-PW110	12	White/Gray

Lengthen single socket P-trap with cleanout



Specif.	pcs/ctn.	Color
F30-PW50	30	White/Gray
F30-PW75	20	White/Gray
F30-PW110	8	White/Gray

S-trap



Specif.	pcs/ctn.	Color
F30-W50	60	White/Gray
F30-W75	40	White/Gray
F30-W110	32	White/Gray
F30-W160	12	White/Gray

S-trap with cleanout



Specif.	pcs/ctn.	Color
F30-W50	35	White/Gray
F30-W75	20	White/Gray
F30-W110	16	White/Gray
F30-W160	6	White/Gray

Round water seal floor drain



Specif.	pcs/ctn.	Color
F30-Y50	75	White/Gray
F30-Y75	28	White/Gray
F30-Y110	20	White/Gray

Square water seal floor drain



Specif.	pcs/ctn.	Color
F30-Y50	60	White/Gray

Lateral floor drain



Specif.	pcs/ctn.	Color
F30-Y50	76	White/Gray
F30-Y75	32	White/Gray
F30-Y110	32	White/Gray

Washer floor drain



Specif.	pcs/ctn.	Color
F30-Y50	90	White/Gray
F30-Y75	60	White/Gray

PVC floor drain



Specif.	pcs/ctn.	Color
F30-Y50	140	White/Gray
F30-Y75	126	White/Gray
F30-Y110	98	White/Gray
F30-Y160	36	White/Gray

Multipurpose water seal floor drain



Specif.	pcs/ctn.	Color
F30-Y110/75/50	75	White/Gray

Square rain bucket



Specif.	pcs/ctn.	Color
F30-U75	30	White/Gray
F30-U110	18	White/Gray
F30-U160	8	White/Gray

Round rain bucket



Specif.	pcs/ctn.	Color
F30-U110	14	White/Gray

Cleanout



Specif.	pcs/ctn.	Color
F30-V50	225	White/Gray
F30-V75	72	White/Gray
F30-V110	84	White/Gray
F30-V160	36	White/Gray
F30-V200	15	White/Gray
F30-V250	8	White/Gray

Ventilate cap



Specif.	pcs/ctn.	Color
F30-M50	396	White/Gray
F30-M75	108	White/Gray
F30-M110	84	White/Gray
F30-M160	36	White/Gray

Check hole nut



Specif.	pcs/ctn.	Color
F30-C50	990	White/Gray
F30-C75	372	White/Gray
F30-C110	165	White/Gray
F30-C160	80	White/Gray
F30-C200	60	White/Gray

Pipe cap



Specif.	pcs/ctn.	Color
F30-M50	450	White/Gray
F30-M75	126	White/Gray
F30-M110	40	White/Gray
F30-M160	36	White/Gray

Inhalation valve



Specif.	pcs/ctn.	Color
F30-F110	30	White/Gray

Energy dissipation vertical pipe



Specif.	pcs/ctn.	Color
F30-G110	8	White/Gray
F30-G160	3	White/Gray



RIFENG PVC Low Noise Drainage Series

RIFENG low noise drainage series adopts a unique spiral inner wall structure and double layers with a hollow chamber design. Several protruding triangular spiral edges are designed to allow the water downwards along the spiral edges to form stable and dense water swirl, while maintaining the air flow channel in the center of the pipe. This effectively reduces air pressure fluctuations in the standpipe, keeps drainage smooth and fast, significantly eliminates collision between water and air, reduces noise in the standpipe, and ensures a quiet and comfortable life.

RIFENG low noise drainage series include helix pipes, hollow pipes, hollow spiral pipes and low noise fittings to realize whirlpool low noise drainage.



Hollow pipes

Double layers with a hollow chamber design make a more excellent silencing effect;
The ring stiffness is higher than that of solid pipes so this pipes are more durable and strengthened



Hollow spiral pipes

Low noise

The double-layer structure forms a hollow chamber with at least 6 triangular swirling guide lines on the inner wall. This design features a better silencing effect and reduces the water flow noise by 10-15dB.

High strength

The ring stiffness is higher than that of solid pipes so this pipes are more durable and strengthened.

More economical

Can realize single pipe drainage and ventilation.



Helix pipes

Low noise

The unique spiral inner wall structure realizes swirling drainage, reduces the impact of water flow, and enhances noise reduction to ensure a quiet and comfortable life;

Ultra-fast drainage

Drainage is smooth and fast. The water flow of the standpipe swirled downward along the spiral edge, which greatly improves the drainage efficiency of the system. The flow of DN 110 standpipe is up to 6L/S, which is two times of the general drainage standpipe.

More economical

Can realize single pipe drainage and ventilation.



Low noise fittings

Ultra-fast drainage

The unique deepened P-shaped groove structure guides the water flow to swirl and fall along the pipe wall to improve the drainage efficiency;

Efficient noise reduction

The water flow drains along the standpipe from the tangential direction of the circumference to buffer the impact force of the water flow on the pipe wall and reduce the drainage noise;

Easy to install

Flexible sealing rubber ring connection, high installation efficiency, excellent sealing performance and anti-seismic performance



LOW NOISE PIPES

Helix pipes



Specif.	Packing Specif. (m)	Color
PVC-U-75x2.3	5.8	White
PVC-U-110x3.2	5.8	White
PVC-U-110x3.5	5.8	White
PVC-U-125x3.2	5.8	White
PVC-U-160x4.0	5.8	White

Hollow pipes



Specif.	Packing Specif. (m)	Color
PVC-U-50x4.0	5.8	White
PVC-U-75x4.0	5.8	White
PVC-U-110x5.0	5.8	White
PVC-U-160x6.0	5.8	White

Hollow spiral pipes I



Specif.	Packing Specif. (m)	Color
PVC-U-75x3.8	5.8	White
PVC-U-110x3.8	5.8	White
PVC-U-160x5.0	5.8	White

Hollow spiral pipes II



Specif.	Packing Specif. (m)	Color
PVC-U-50x4.0	5.8	White
PVC-U-75x4.0	5.8	White
PVC-U-110x5.0	5.8	White
PVC-U-160x6.0	5.8	White

LOW NOISE FITTINGS

Low-noise straight coupling



Specif.	pcs/ctn.
F31-S75x75	45
F31-S110x110	24
F31-S160x160	18

45° low-noise elbow



Specif.	pcs/ctn.
F31-L110x110	30

Low-noise elbow



Specif.	pcs/ctn.
F31-L110x110	12

Low-noise elbow with cleanout



Specif.	pcs/ctn.
F31-L110x110	12

Low-noise vertical pipe cleanout



Specif.	pcs/ctn.
F31-S75x75	30
F31-S110x110	11
F31-S160x160	9

Low-noise tee



Specif.	pcs/ctn.
F31-T75x75x75	16
F31-T110x110x110	14
F31-T160x160x160	5

Low-noise cross



Specif.	pcs/ctn.
F31-S110x110x110x110	10
F31-S160x160x160x160	4

Low-noise side outlet tee

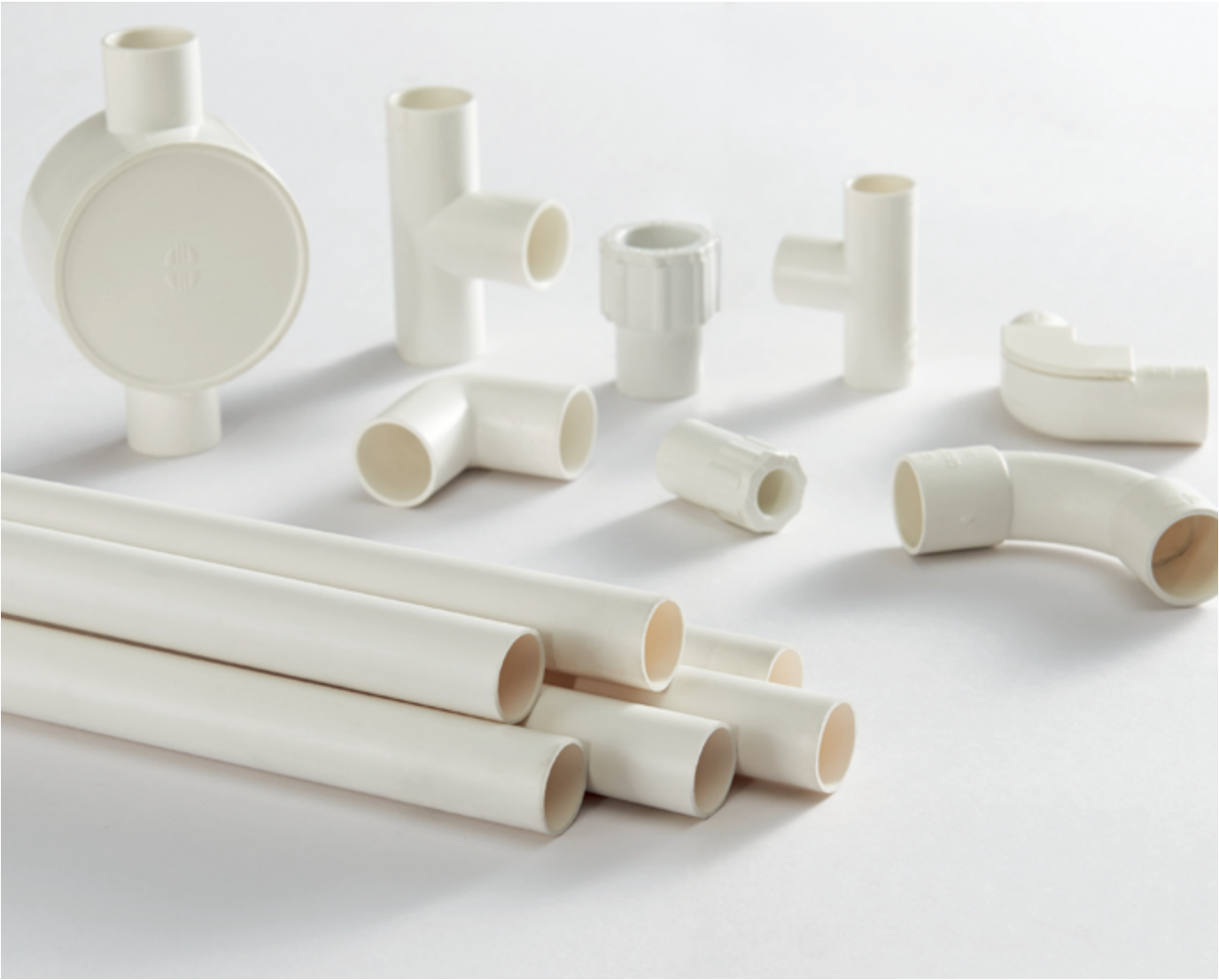
	Specif.	pcs/ctn.
	F31-S110x110x110x110	12

Low-noise reducing tee

	Specif.	pcs/ctn.
	F31-T75x50x75	20
	F31-T110x50x110	14
	F31-T110x75x110	18
	F31-T160x75x160	8
	F31-T160x110x160	7

Low-noise reducing cross

	Specif.	pcs/ctn.
	F31-T110x50x50x110	18
	F31-T110x75x75x110	12
	F31-T160x110x110x160	5



PVC RIGID CONDUIT SYSTEM

Conduit Pipes
Conduit Fittings

Conduit Pipes

Features of RIFENG conduit pipes

- Conduit pipes are easy to install and can be bent by spring under normal temperature, reducing the amount of fittings needed.
- The smooth inner wall of pipes reduces friction for easy electrical wire pulling
- Excellent insulation performance and endurance to resist AC2000V. Insulation resistance more than $1 \times 10^8 \Omega$.

Standards

- JG 3050-1998
- IEC-61386

RIFENG PVC White Rigid Conduit

RIFENG Conduit Pipe GY.205

	Specif.	Packing Specif. (m)	Color
	PVC-GY.205-16x1.0	116.8(2.92X40)	White
	PVC-GY.205-20x1.1	87.6(2.92X30)	White
	PVC-GY.205-25x1.3	87(2.9X30)	White
	PVC-GY.205-32x1.5	58(2.9X20)	White

RIFENG Conduit Pipe GY.305

	Specif.	Packing Specif. (m)	Color
	PVC-GY.305-16x1.2	116.8(2.92X40)	White
	PVC-GY.305-16x1.3	116(2.9X40)	White
	PVC-GY.305-20x1.3	87(2.9X30)	White
	PVC-GY.305-20x1.4	120(4X30)	White
	PVC-GY.305-20x1.5	87(2.9X30)	White
	PVC-GY.305-25x1.5	87(2.9X30)	White
	PVC-GY.305-25x1.6	87(2.9X30)	White
	PVC-GY.305-32x1.7	58(2.9X20)	White
	PVC-GY.305-32x1.8	58(2.9X20)	White
	PVC-GY.305-40x2.0	29(2.9X10)	White
	PVC-GY.305-50x2.2	14.6(2.92X5)	White

RIFENG Conduit Pipe GY.405

	Specif.	Packing Specif. (m)	Color
	PVC-GY.405-16x1.6	120(3X40)	White
	PVC-GY.405-20x1.8	120(4X30)	White
	PVC-GY.405-20x2.0	120(4X30)	White
	PVC-GY.405-25x1.9	120(4X30)	White
	PVC-GY.405-25x2.0	120(4X30)	White
	PVC-GY.405-32x2.3	80(4X20)	White
	PVC-GY.405-40x2.3	40(4X10)	White
	PVC-GY.405-50x2.3	20(4X5)	White

Coupling

	Specif.	pcs/box	pcs/ctn.
	F20-S16x16	300	1800
	F20-S20x20	160	960
	F20-S25x25	80	480
	F20-S32x32	75	600
	F20-S16x16(Lengthened)	200	1200
	F20-S20x20(Lengthened)		720
	F20-S40x40		512
	F20-S50x50		288

Reducing coupling

	Specif.	pcs/box	pcs/ctn.
	F20-S20x16	180	1080
	F20-S25x20	110	660
	F20-S32x25	100	800

Terminal adapter

	Specif.	pcs/box	pcs/ctn.
	F20-J16x16	280	1680
	F20-J20x20	150	900
	F20-J25x25	90	540
	F20-J32x32	85	680
	F20-J40x40		288
	F20-J50x50		500

Reducing terminal adapter



Specif.	pcs/box	pcs/ctn.
F20-J20x16	180	1080
F20-J25x20	100	600

Tee



Specif.	pcs/box	pcs/ctn.
F20-T16x16x16	120	720
F20-T20x20x20	60	360
F20-T25x25x25	60	480
F20-T32x32x32	32	256
F20-T40x40x40	15	120
F20-T50x50x50	12	96

Inspection tee



Specif.	pcs/box	pcs/ctn.
F20-GT16x16x16	60	480
F20-GT20x20x20	40	320
F20-GT25x25x25	25	200

Elbow



Specif.	pcs/box	pcs/ctn.
F20-L16x16	180	1080
F20-L20x20	100	600
F20-L25x25	55	330
F20-L32x32	50	400
F20-L40x40	24	192
F20-L50x50	18	144

Elbow with cover



Specif.	pcs/box	pcs/ctn.
F20-GL16x16	100	600
F20-GL20x20	60	360
F20-GL25x25	40	240
F20-GL32x32	30	240

Long radius bend



Specif.	pcs/box	pcs/ctn.
F20-DL16x16	140	840
F20-DL20x20	70	420
F20-DL25x25	85	680
F20-DL32x32	30	240
F20-DL40x40	15	120
F20-DL50x50	11	88

Super long radius bend

	Specif.	pcs/ctn.
	F20-DL20x20	120

118 PVC concealed box

	Specif.	pcs/ctn.
	F20-106x61x50 II Φ 20 Φ 25	100
	F20-143x61x50 II Φ 20 Φ 25	50
	F20-184x61x50 II Φ 20 Φ 25	30
	F20-100x61x50 III Φ 20 Φ 25	60
	F20-136x61x50 III Φ 20 Φ 25	45
	F20-177x61x50 III Φ 20 Φ 25	30

Surface installation gang box

	Specif.	pcs/ctn.
	F20-86x86x40	120

Octagonal box

	Specif.	pcs/ctn.
	F20-77x77x50 II Φ 20	60
	F20-77x77x60 II Φ 20	40
	F20-77x77x70 II Φ 20	40

Concealed gang box

	Specif.	pcs/ctn.
	F20-77x77x70 II Φ 20 Φ 25	150
	F20-77x77x70 II Φ 20	40
	F20-77x77x70 II Φ 25	150
	F20-77x77x70 I Φ 20	40
	F20-77X77X60 II Φ 25	180
	F20-77X77X60 II Φ 20	180
	F20-77X77X60 II Φ 20 Φ 25	180
	F20-77X77X60 I Φ 20	40
	F20-77X77X50 III Φ 20	60
	F20-77X77X50 III Φ 20(Simple)	60
	F20-77X77X50 II Φ 20	60
	F20-77X77X50 I Φ 20	60
	F20-77X77X38 II Φ 20	80
	F20-77X77X38 I Φ 20	60

Square lid cover

	Code	Specif.	pcs/ctn.
	041847	F20-77x77	540
	033616	F20-77x77 II	540

Concealed gang box(double line)



Specif.	pcs/ctn.
F20-164x77x50 III Φ 16 Φ 20 Φ 25 55	
F20-164x77x50 II Φ 16 Φ 20 Φ 25 55	
F20-164x77x50 I Φ 16 Φ 20 Φ 25 55	
F20-164x77x38 II Φ 16 Φ 20 Φ 25 30	
F20-164x77x38 I Φ 16 Φ 20 Φ 25 70	

Concealed gang box(three line)



Specif.	pcs/ctn.
F20-255x77x50 I Φ 16 Φ 20 Φ 25 30	

Snap concealed gang box



Specif.	pcs/ctn.
F20-77x77x70 II Φ 20	120
F20-77x77x60 II Φ 20	144
F20-77x77x50 III Φ 20	60
F20-77x77x50 III Φ 20(Simple)	60
F20-77x77x50 II Φ 20	60
F20-77x77x50 II Φ 20(Simple)	60
F20-77x77x50 II Φ 20 Φ 25	60
F20-77x77x50 I Φ 20	60
F20-77x77x38 II Φ 20	80

Concealed gang box(through the rebar)



Specif.	pcs/ctn.
F20-77x77x70 III Φ 20	120
F20-77x77x70 III Φ 25	120
F20-77x77x70 II Φ 25	120
F20-77x77x70 II Φ 20	120
F20-77x77x70 II Φ 20 Φ 25	120

Multifunction Gang Box



Specif.	pcs/ctn.
F20-77x77x50 II Φ 20	60
F20-77x77x38 II Φ 20	80

Audio Cable Boxes



Specif.	pcs/ctn.
F20-77x77x50 I	160

One way round junction box



Specif.	pcs/ctn.
F20-65x35 Φ 16	315
F20-65x35 Φ 20	315
F20-65x35 Φ 25	315
F20-65x65 Φ 16	200
F20-65x65 Φ 20	180
F20-65x65 Φ 25	150

Three way round junction box



Specif.	pcs/ctn.
F20-65x35 Φ 16	315
F20-65x35 Φ 20	261
F20-65x35 Φ 25	216
F20-65x65 Φ 16	175
F20-65x65 Φ 20	150
F20-65x65 Φ 25	144

Two way through round junction box



Specif.	pcs/ctn.
F20-65x35 Φ 16	378
F20-65x35 Φ 20	378
F20-65x35 Φ 25	288
F20-65x65 Φ 16	175
F20-65x65 Φ 20	175
F20-65x65 Φ 25	150

Four way through round junction box



Specif.	pcs/ctn.
F20-65x35 Φ 16	315
F20-65x35 Φ 20	261
F20-65x35 Φ 25	216
F20-65x65 Φ 16	175
F20-65x65 Φ 20	150
F20-65x65 Φ 25	120

Two way angle round junction box



Specif.	pcs/ctn.
F20-65x35 Φ 16	378
F20-65x35 Φ 20	315
F20-65x35 Φ 25	315
F20-65x65 Φ 16	175
F20-65x65 Φ 20	175
F20-65x65 Φ 25	315

Lid cover



Specif.	pcs/box	pcs/ctn.
F20-D65Φ	400	2400
F20-D65		800



VALVES

Plumbing Valves
PP-R Valves
Gas Valves
Heating Valves

Standards

- AS4617
- ASME A112.4.14
- CSA B125.3

Certificates



Plumbing Valves

101 Brass gate valve



Specif.	pcs/box	pcs/ctn.	Remarks
DN15	16	96	
DN20	12	72	
DN25	9	54	
DN40	3	18	

201 Brass ball valve



Specif.	pcs/box	pcs/ctn.	Remarks
F1-Q1216x1216	16	96	Ni
F1-Q1216x1/2M	20	120	Ni
F1-Q1216x1/2F	18		Ni
F1-Q1418x1418	14	84	Ni
F1-Q1418x1/2F	16	96	Ni
F1-Q1620x1620	14	84	Ni
F1-Q1620x1/2M	20	120	T handle, Ni
F1-Q1620x1/2F	18	108	T handle, Ni
F1-Q1620x3/4M	20	120	T handle, Ni
F1-Q1620x3/4F	10	60	Ni
F1-Q2025x2025	8	48	Ni
F1-Q2025x1M	12	72	T handle, N
F1-Q2025x1F	8	48	Ni
F1-Q2025x3/4M	10	60	T handle, Ni
F1-Q2025x3/4F	9	54	T handle, Ni
F1-Q2632x2632	5	30	Stainless steel handle, Ni
F5-Q1418x1/2F	20	120	T handle, Ni
F5-Q2025x3/4F		60	T handle, Ni
Q1/2Mx1/2F	18	216	Red cap, Ni
DN15	20	120	Ni
DN20	12	72	Stainless steel handle
DN25	8	48	T handle, Ni
DN32	5	30	Ni
DN40	3	18	Ni
DN50	2	12	Stainless steel handle, Ni

201 Economical brass ball valve



Specif.	pcs/box	pcs/ctn.	Remarks
F1-Q1216x1216	20	120	Ni
F1-Q1418x1418	15	90	Ni
F1-Q1620x1620	12	72	Ni
F1-Q2025x2025	10	60	Ni
F1-Q2632x2632	6	36	Ni
DN15	20	120	
DN20	16	96	
DN25	10	60	
DN32	6	36	
DN40	4	24	
DN50	2	12	

201 Demountable ball valve



Specif.	pcs/box	pcs/ctn	Remarks
DN15	18	108	Ni
DN20	12	72	Ni
DN20(Angle)	9	54	Angle,Ni
DN25	6	36	Ni
DN25(Angle)	5	30	Angle,Ni
DN32	4	24	Ni
Q1/2F(H)x1/2M	20	120	T handle, Ni

201 Brass tee ball valve



Specif.	pcs/box	pcs/ctn.	Remarks
DN20	18	48	Ni
F1-Q1620x1620x1620	12	72	T handle, Ni

202 Polished mini ball valve



Specif.	pcs/box	pcs/ctn.	Remarks
Q1/2Fx1/2M	35	210	Cr
Q1/2Fx1/2F	30	180	Cr

202 Red handle ball valve



Specif.	pcs/box	pcs/ctn.	Remarks
Q1/2Fx1/2F	20	120	Ni
Q3/4Fx3/4M	14	84	Ni
Q3/4Fx3/4F	14	84	Ni
Q1Fx1M	9	54	Ni
Q1 1/4Fx1 1/4M	5	30	America, Ni
1/2Fx1 1/2M	2	12	America, Ni
Q2Fx2M	2	12	America, Ni

202 Red butterfly handle ball valve



Specif.	pcs/box	pcs/ctn.	Remarks
QF5-1216x1216	35	210	Ni
QF5-1216x1/2M	24	144	Ni
QF5-1216x1/2F	24	144	Ni
QF5-1620x1620	20	120	Ni
QF5-1620x1/2M	24	144	Ni
QF5-1620x1/2F	24	144	Ni
QF5-1620x3/4F	20	120	Ni
QF5-2025x2025	14	84	Ni
QF5-2632x2632	10	60	Ni
QF1C-1216x1216	18	108	Ni
QF1C-1216x1/2F	22	132	Ni
QF1C-1620x1620	15	90	Ni
QF1C-1620x1/2M	18	108	Ni
QF1C-1620x1/2F	18	108	Ni
Q1/2Fx1/2M	24	144	Ni
Q1/2Fx1/2F	24	144	Ni
Q3/4Mx3/4M	16	96	Ni
Q3/4Fx3/4M	16	96	Ni
Q1Fx1M	9	54	Ni
Q1Fx1F	9	54	Ni

202b Blue handle ball valve (DZR)



Specif.	pcs/box	pcs/ctn.	Remarks
QF5-1216x1216	25	150	Ni
QF5-1620x1620	20	120	Ni
QF5-2025x2025	14	84	Ni

301 Brass stop valve



Specif.	pcs/box	pcs/ctn.	Remarks
DN15	15	90	Ni
DN20	10	60	Ni
DN25		48	Ni

401 Brass check valve



Specif.	pcs/box	pcs/ctn.	Remarks
F1A-S1216x1216	10	60	
F1A-S1620x1620	10	60	
F1A-S1216x1216	10	60	
DN15	20	120	
DN20	15	90	
DN25	10	60	

603 Brass demountable filter ball valve



Specif.	pcs/box	pcs/ctn.	Remarks
Q1Fx1M'A5H'A5	2	12	Pressure gauge,
Q1Fx1M'A5H'A5	2	12	Thermometer,Ni
			T handle,N

603 Brass filter ball valve



Specif.	pcs/box	pcs/ctn.	Remarks
DN25	5	30	Ni

PP-R Valves

102 Surface mounted PPR gate valve



Specif.	pcs/box	pcs/ctn.	Remarks
F12-J20x20	1	16	
F12-J25x25	1	16	
F12-J32x32	1	12	

103 Concealed PPR gate valve



Specif.	pcs/box	pcs/ctn.	Remarks
F12-J20x20	1	16	
F12-J25x25	3	16	
F12-J32x32	1	12	

201 Demountable ball valve



Specif.	pcs/box	pcs/ctn.	Remarks
F12-Q20x20	10	60	Ni
F12-Q20x1/2M	16	64	Ni
F12-Q20x1/2F	6	36	Ni
F12-Q25x25	8	48	Ni
F12-Q25x3/4M	12	48	Ni
F12-Q25x3/4F	4	24	Ni
F12-Q25x1M(H)	7	28	Ni
F12-Q32x32	4	24	Ni
F12-Q32x1M	6	24	Ni
F12-Q32x1M	6	24	Ni
F12-Q32x1F	3	18	Ni
F12-Q40x40	2	12	Ni
F12-Q40x1 1/4M	3	12	Ni
F12-Q50x50	1	10	Ni
F12-Q63x63	1	6	Ni

203 Ball valve PP-R coated



Specif.	pcs/box	pcs/ctn.	Remarks
F12-J20x20	15	90	
F12-J25x25	10	60	
F12-J32x32	8	48	
F12-J40x40	4	24	
F12-J50x50	4	24	
F12-J63x63	2	12	

302 Stop valve



Specif.	pcs/box	pcs/ctn.	Remarks
F12-J20x1/2(H)	8	48	Straight,Ni
F12-J20x1/2(H)	8	48	Angle,Ni
F12-J25x3/4(H)	6	36	Straight,Ni
F12-J25x3/4(H)	6	36	Angle,Ni

303 PPR stop valve



Specif.	pcs/box	pcs/ctn.	Remarks
F12-J20x20	12	72	
F12-J25x25	12	72	
F12-J32x32	6	36	
F12-J40x40	1	32	
F12-J50x50	1	12	
F12-J63x63	1	8	
F12-J75x75	1	12	
F12-J90x90	1	4	
F12-J110x110	1	4	

307 Mass flow stop valve



Specif.	pcs/box	pcs/ctn.	Remarks
F12-J20x20	6	36	
F12-J25x25	6	36	
F12-J32x32	4	24	

422 PP-R check valve



Specif.	pcs/box	pcs/ctn.	Remarks
F12-J20x20	20	120	
F12-J25x25	16	96	
F12-J32x32	8	48	

703 Concealed ceramic core valve



Specif.	pcs/box	pcs/ctn.	Remarks
F12-S20x20	1	45	
F12-S25x25	1	45	

Gas Valves

501 Brass ball valve for gas



Specif.	pcs/box	pcs/ctn.	Remarks
F1-Q1216x1216	16	96	Ni
F1-Q1216x1216		96	
F1-Q1216x1216 C	16	96	Ni
F1-Q1216x1/2F	18	108	Ni
F1C-Q1216x1216 C	16	96	
F1C-Q2025x2025	8	48	Ni
DN15	20	120	Ni
DN20	12	72	Ni
DN25	8	48	Ni

501 Yellow butterfly handle gas valve



Specif.	pcs/box	pcs/ctn.	Remarks
Q1/2Fx1/2M	24	144	Ni

502 Y Type brass gas valve



Specif.	pcs/box	pcs/ctn.	Remarks
Y1216x ϕ 10x ϕ 10	4	48	
Y1/2Mx ϕ 10x ϕ 10	6	72	Ni
Y1/2Mx ϕ 11.5x ϕ 11.5	6	72	Ni
Y1/2Fx ϕ 10x ϕ 10	6	72	Ni
Y1/2Fx ϕ 11.5x ϕ 11.5	6	72	Ni
Y1/2Fx1/2x1/2	4	48	

Gas valve with pipe–Australia



Specif.	pcs/box	pcs/ctn.	Remarks
F5-Q1620x1620	15	90	Europe,Ni
F5-Q2025x2025	12	72	Europe,Ni

502 Brass gas valve



Specif.	pcs/box	pcs/ctn.	Remarks
S1014x ϕ 10	24	144	Ni
S1216x ϕ 8	20	120	Iron handle,Ni
S1216x ϕ 10	12	144	Ni
S1620x ϕ 10	9	108	Ni
S1620xT11.5	9	108	Ni
S1620x1620	9	108	Ni
S1620x1/2M	9	108	Ni
S1620x1/2F	9	108	Ni
S1/2Mx ϕ 10	24	144	Ni
S1/2Mx ϕ 11.5	12	144	Ni
S1/2Mx1/2M	12	144	Ni
S1/2Fx ϕ 10	24	144	Ni
S1/2Fx ϕ 11.5	12	144	Ni
S1/2Fx1/2M	12	144	Ni
S1/2Fx1/2F	12	144	Ni
S1/2(H)x1/2M	12	144	Ni
L1/2Mx ϕ 10	24	144	Ni
L1/2Mx1/2M	24	144	Ni
L1/2Fx ϕ 10	24	144	Ni
F5-Q1216x ϕ 10	12	144	Ni

Butterfly handle gas valve



Specif.	pcs/box	pcs/ctn.	Remarks
QF1C-1216x1/2F	18	108	America
QF1C-2025x2025	10	60	America
F1C-Q1418x1418	18	108	America
F1C-Q1620x1620	18	108	America
F1C-Q2632x2632	10	60	America
F1C-Q1620x1/2M	14	84	America
F1C-Q2025x3/4M	8	48	America
F1C-Q1216x3/8FL	18	108	America
F1C-Q1620x3/8FL	18	108	America

Demountable gas valve–Australia



Specif.	pcs/box	pcs/ctn.	Remarks
Q1/2Fx1/2F(H)	18	108	Europe,Ni

Gas Ball Valve with Lock



Specif.	pcs/box	pcs/ctn.
S1/2Fx1/2FΦIPTΦ	9	72
S3/4Fx3/4FΦIPTΦ	5	40

Heating Valves

210 Ball valve with thermometer



Specif.	pcs/box	pcs/ctn.	Remarks
1Fx1(H)(Blue)	1	15	Thermometer,T blue handle,Ni
1Fx1(H)(Red)	1	15	Thermometer,T red handle,Ni

302 Brass stop valve for underfloor heating

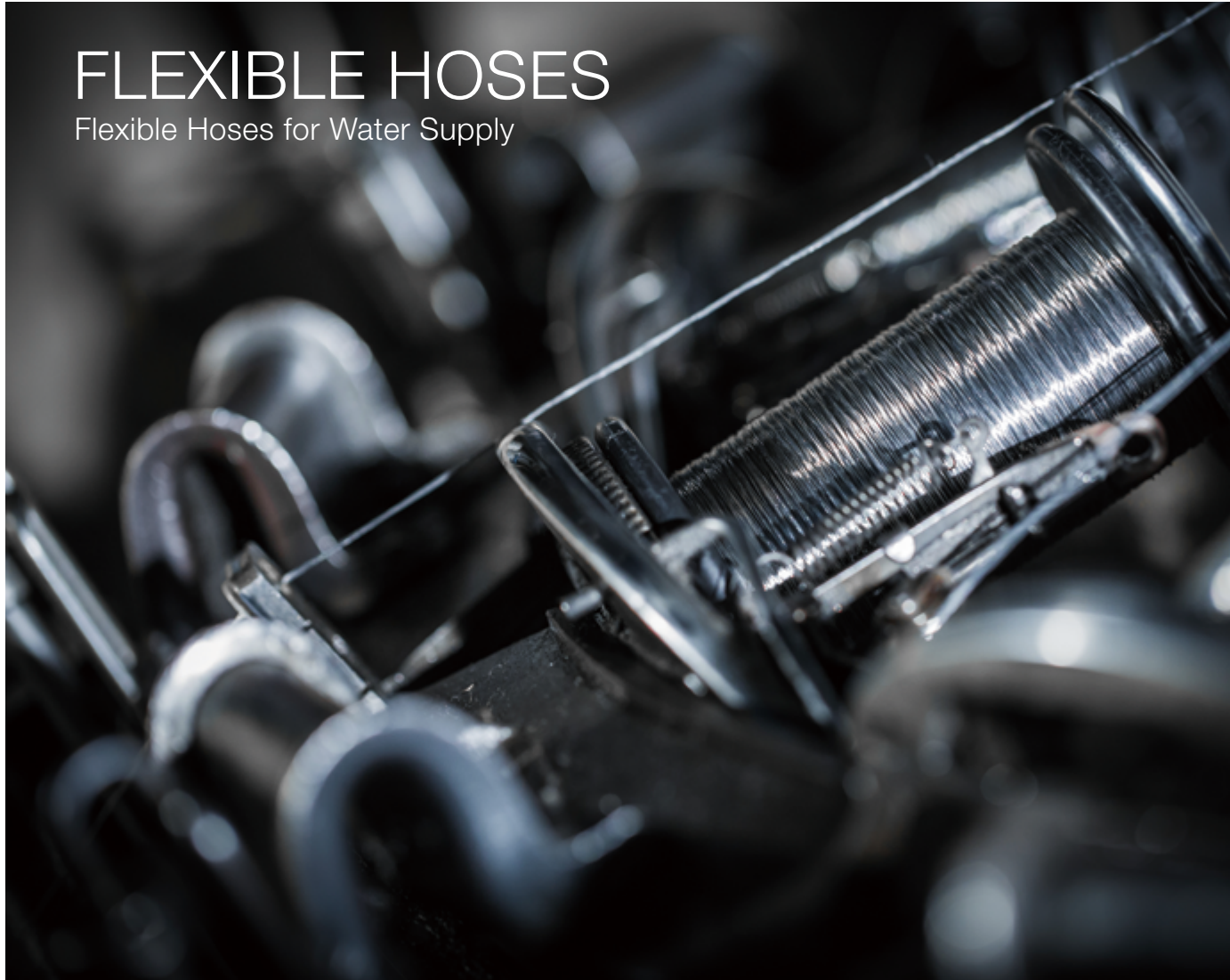


Specif.	pcs/box	pcs/ctn.	Remarks
DN15	12	72	Straight,Ni
DN15	12	72	Angle,Ni
DN20	10	60	Straight,Ni
DN20	10	60	Angle,Ni

Electro–thermal actuator



Specif.	pcs/box	pcs/ctn.	Remarks
A4004-80-1 N	50	50	2-Wire
A4024-80-1 N	50	50	4-Wire



Stainless steel flexible hoses

	Specif.	pcs/bag	pcs/ctn.
	RF-F20	20	200
	RF-F30	20	200
	RF-F40	20	100
	RF-F50	20	100
	RF-F60	20	100
	RF-F80	20	100
	RF-F100	20	100
	RF-F120	20	60
	RF-F150	20	60
	RF-F200	20	60
	RF-F20 III	20	160
	RF-F30 III	20	160
	RF-F40 III	20	80
	RF-F50 III	20	80
	RF-F60 III	20	80
	RF-F80 III	20	80
	RF-F100 III	20	80
	RF-F120 III	20	40
	RF-F150 III	20	40
	RF-F200 III	20	40

Flexible Hoses–EU

	Specif.	pcs/bag	pcs/ctn.
	RF304-1/2Hx1/2M-20	20	300
	RF304-1/2Hx1/2M-30	20	300
	RF304-1/2Hx1/2M-50	20	200
	RF304-1/2Hx1/2M-80	20	100
	RF304-1/2Hx1/2H-20	20	300
	RF304-1/2Hx1/2H-30	20	300
	RF304-1/2Hx1/2H-40	20	200
	RF304-1/2Hx1/2H-50	20	200
	RF304-1/2Hx1/2H-60	20	160
	RF304-1/2Hx1/2H-100	20	100

Flexible hoses for connecting with faucets

	Specif.	pcs/bag	pcs/ctn.
	RF-J40	20	200
	RF-J50	20	200
	RF-J60	20	200
	RF-J80	20	100
	RF-J100	20	100
	RF-J40 Φ	20	200
	RF-J50 Φ	20	200
	RF-J60 Φ	20	200
	RF-J80 Φ	20	100
	RF-J60Φ	20	100

Stainless steel flexible hoses

	Specif.	pcs/bag	pcs/ctn.
	RF-K20	2	200
	RF-K30	2	200
	RF-K40	2	100
	RF-K50	2	80
	RF-K60	2	100
	RF-K80	2	100
	RF-K100	20	100
	RF-K120	20	60
	RF-K150	20	40
	RF-K200	20	40

TOOLS & ACCESSORIES

For Multilayer Piping Installation

Pipe cutter



Specif.	pcs/box	pcs/ctn.
GJ IV		40

Pipe cutting tool



Specif.	pcs/box	pcs/ctn.
QGQ-75		25

Plastic reamer



Specif.	pcs/box	pcs/ctn.
ZYD2-0912-1216-1620	10	200
ZYD2-1014-1216-1418	10	200
ZYD2-1216-1620-2025	10	180
ZYD2-1216-1620-2026	10	180
ZYD2-1620-2025-2632	10	100

Electric reamer



Specif.	pcs/box	pcs/ctn.
1216		24
1620		24
2025		24
2632		24
3240		12
4150		12
5163		12
6075		12

T-reamer



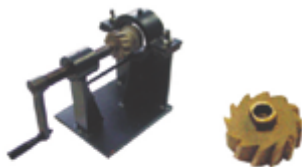
Specif.	pcs/box	pcs/ctn.
JD-1216	24	144
JD-1418	20	120
JD-1520	15	120
JD-1620	20	120
JD-2025	20	120
JD-2632	/	90
JD-3240	10	60
JD-4150	8	48
JD-5163	5	30
JD-6075	5	30

Lengthened T-reamer



Specif.	pcs/box	pcs/ctn.
JD-3240(L)	10	60
JD-4150(L)		48
JD-5163(L)	4	24
JD-6075(L)		18

Desk reamer



Specif.	pcs/box	pcs/ctn.
JD-40-75(Z)		1

Manual pressure clamp and jaw



Specif.	pcs/box	pcs/ctn.
YYQ-25-50 II		15
YYQ-63-75 II		15
YYQB-1216 II	12	96
YYQB-1418 II	/	100
YYQB-1620 II	12	96
YYQB-2025 II	12	96
YYQB-2026 II	/	96
YYQB-2632 II	12	96
YYQB-3240 II	/	40
YYQB-4150 II	/	40
YYQB-5163 II	/	15

Manual pressing clamp and jaw



Specif.	pcs/box	pcs/ctn.
SYQ14-20A		7
SYQ14-32B		5
SYQ14-20A 1418	28	224
SYQ14-20A-1216	28	224
SYQ14-20A-1620	28	224
SYQ14-32A 1216TH		100
SYQ14-32A 1620TH		100

Integral manual pressing clamp



Specif.	pcs/box	pcs/ctn.
SYQ4-1216		5
SYQ4-1620		5

Pipe bending tool



Specif.	pcs/box	pcs/ctn.
1216		160
1620		60
WGQ(14 ~ 32)		5

Internal bending spring



Specif.	pcs/box	pcs/ctn.
WH-1216	/	150
WH-1418	20	120
WH-1520	15	90
WH-1620	15	90
WH-1825	9	54
WH-2025	9	54
WH-2632	4	24

External bending spring



Specif.	pcs/box	pcs/ctn.
WH-1216 II	6	36
WH-1418 II	4	24
WH-1620 II	4	24
WH-2025 II	2	12
WH-2632 II	1	6

Plastic socket



Specif.	pcs/box	pcs/ctn.
KS-1014	200	5600
KS-1216	130	6500
KS-1418	120	5400
KS-1620	80	4000
KS-2025	40	1200
KS-2632	20	600

For PEX Piping Installation

Pex pipe cutter

	Specif.	pcs/box	pcs/ctn.
	KJW-I		60

PEX press tool

	Specif.	pcs/box	pcs/ctn.
	SYQ7-3/8-1		1

PEX crimp tool for crimp ring

	Specif.	pcs/box	pcs/ctn.
	SYQ2-3/8-1		5

Bend support PEX

	Specif.	pcs/box	pcs/ctn.
	WK-1216 II		600
	WK-1620 II		256
	WK-2025 II		120
	WK-2632 II		120

U-clip PEX

	Specif.	pcs/box	pcs/ctn.
	KM2-1/2		5000
	KM2-3/4		0

For PP-R Piping Installation

Pipe cutter

	Specif.	pcs/box	pcs/ctn.
	GJ IV		40

Pipe cutting tool

	Specif.	pcs/box	pcs/ctn.
	QGG-75		25

Hot fusion machine

	Specif.	pcs/box	pcs/ctn.
	RRQ I -1500(F12)		4
	RRQ I -800(F12)		6
	RRQ I -600(F12)		6
	General fusion machine		4

Depth marker

	Description	pcs/ctn.
	DEPTH MARKER	1280

Hot fusion mould head

	Specif.	pcs/box	pcs/ctn.
	F12-20		312
	F12-25		220
	F12-32		144
	F12-40		114
	F12-50		60
	F12-63		40
	F12-75		5
	F12-90		5

Flange adapter ring



Specif.	pcs/box	pcs/ctn.
F12-40		40
F12-50		40
F12-63		40
F12-75		15
F12-90		15
F12-110		15
F12-160		10

Flange gasket



Description	pcs/ctn.
FLANGE GASKET F12-FD40	100
FLANGE GASKET F12-FD50	100
FLANGE GASKET F12-FD63	100
FLANGE GASKET F12-FD75	100
FLANGE GASKET F12-FD90	100
FLANGE GASKET F12-FD110	100

Flange adapter



Specif.	pcs/box	pcs/ctn.
F12-FC40		150
F12-FC50		108
F12-FC63		90
F12-FC75		58
F12-FC90		36
F12-FC110		30
F12-FC160		8

Plastic socket(low)



Specif.	pcs/box	pcs/ctn.
KS1-20	180	2,160
KS1-25	150	1,800
KS1-32	100	1,200

Plastic socket(high)



Specif.	pcs/box	pcs/ctn.
KS2-20	120	1,440
KS2-25	100	1,200
KS2-32		960

Pipe clamp



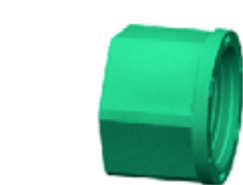
Description	pcs/ctn.
PIPE CLAMP KS1-20	2160
PIPE CLAMP KS1-25	1800
PIPE CLAMP KS1-32	1200
PIPE CLAMP KS2-20	1440
PIPE CLAMP KS2-25	1200
PIPE CLAMP KS2-32	960

Male plug



Description	pcs/ctn.
MALE PLUG F12-D1/2M	2400

Female plug



Description	pcs/ctn.
FEMALE PLUG F12-D1/2F	2400

For PVC Piping Installation

Pointed screw pipe clamp

	Specif.	pcs/ctn.
	KS4-50	147
	KS4-75	160
	KS4-110	70
	KS4-160	40
	KS4-200	14

Lift clamp

	Specif.	pcs/ctn.
	KS5-50	120
	KS5-75	80
	KS5-110	50
	KS5-125	40

Expansion screw clamp

	Specif.	pcs/ctn.
	KS6-40	140
	KS6-50	147
	KS6-75	160
	KS6-110	70
	KS6-125	50
	KS6-160	40

Fire ring

	Specif.	pcs/ctn.
	DN75	25
	DN110	18
	DN160	10

Sealing up ring

	Specif.	pcs/ctn.
	F30-O50	420
	F30-O75	280
	F30-O110	190
	F30-O160	74

PVC adhesive

	Specif.	pcs/ctn.
	PVC adhesive 100ML	24
	PVC adhesive 250ML	24
	PVC adhesive 500ML	12

Bending spring

	Specif.	pcs/box	pcs/ctn.
	205-D16		
	205-D20		
	205-D25		
	205-D32		
	305-D16		
	305-D20		
	305-D25		
	305-D32		
	405-D16		
	405-D20		
	405-D25		
	405-D32		

Row clip

	Specif.	pcs/box	pcs/ctn.
	F20-D16	100	600
	F20-D20	60	360

End cap for manifolds



Specif.	pcs/box	pcs/ctn.	Remarks
D1/2F	70	560	Female
D3/4F A(124)			Female
D3/4F	48	384	Female
D1 A	32	256	Male
D1 A	32	256	Male
D1/2 A	84	672	Male
D3/4 A	54	432	Male
D3/4 A	54	432	Male

INSTALLATION INSTRUCTIONS

F5 Installation Instructions



STEP 1: Pipe cutting

Cut the pipe vertically and precisely with the RIFENG pipe cutter.



STEP 2: Pipe beveling and rounding

Use RIFENG reamer to bevel and round the pipe end. Insert the pipe completely inside the reamer. Rotate the reamer in one direction several times to round the pipe end.



STEP 3: Pipe inserting into fitting

Choose a fitting in an appropriate size. Insert the pipe into the fitting until it reaches the plastic block. Make sure the pipe is completely inserted by checking the insertion depth through the inspection holes on the sleeve shoulder



STEP 4: Pressing

Place the fitting into the jaw. Press the fitting until the jaw is fully closed. The press jaw must be placed close to the plastic gasket.



STEP 5: Checking

Open the handles and remove the pressing tool from the fitting and the installation is complete.

Notice:

- This installation manual is specifically for the 14-32(mm) multilayer piping systems.
- For best connection, RIFENG pipes should be connected with approved fittings recommended by RIFENG.

F9 Installation Instructions



Step 1:
Cut the pipe vertically and precisely with a pipe cutter.



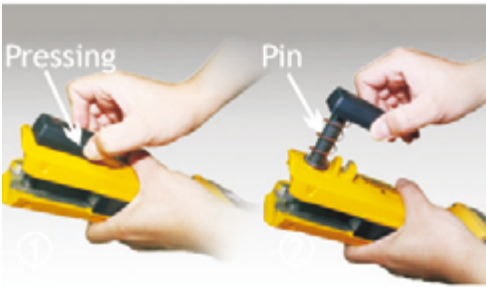
Step 2:
Round and bevel the ends with the RIFENG reamer (Plastic reamer or T-reamer).



Step 3:
Choose a fitting in an appropriate size. Insert the pipe into the fitting until it reaches the plastic block. Make sure the pipe is completely inserted by checking the insertion depth through the inspection holes on the sleeve shoulder.



Step 4:
It is recommended to use the REMS TH profile electric compressing tool for F9 fitting installation.



Step 5:
Press the button on the latch bar to release the pin.

F9 Installation Instructions



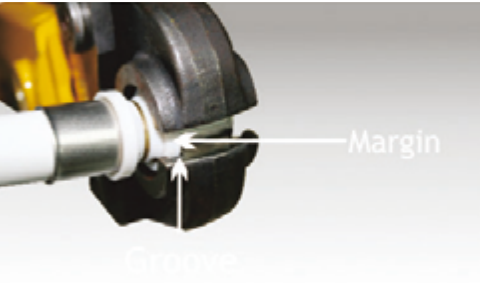
STEP 6:
Position the corresponding jaw into the groove in the tool.



STEP 7:
Press the latch bar back into position to lock it.



STEP 8:
Press the tail to open the jaw.



STEP 9:
Insure the plastic block and sleeve are in the right position in the jaw; the margin of the block must be placed into the groove of the pressing section.



STEP 10:
Operate the tool using the trigger and hold the trigger until the pressing process is finished. When the pressing is completed you will hear a notification.

Notice:

- This installation manual is specifically for the 14-32(mm) multilayer piping systems.
- For best connection, Multilayer pipes should be connected with approved fittings recommended by RIFENG.

F6 Push-fit



STEP 1: Pipe cutting

Cut the pipe vertically and precisely with a pipe cutter.



STEP 2: Rounding and beveling

Multilayer pipe:
Round and bevel pipe ends with the RIFENG reamer.

Pex pipe:
Round the pipe ends with the RIFENG reamer,no need to bevel.
For quicker and easier insertion, you can bevel the pipe.



STEP 3: Removing

Removing the protective cap from the fitting. Make sure that both the fitting and pipe are clean and free of dirt and debris before making a connection.



STEP 4: Inserting

Choose the right size fitting for the pipe and push the pipe into the fitting firmly. Please don't insert the pipe obliquely.



STEP 5: Checking

Check the installed fitting. If the green indicator ring can be seen through the inspection holes, it is properly installed.

Notice:

- This installation manual is specially for the 14-32(mm) multilayer and PEX piping systems.
- For best connection, RIFENG pipes should be connected with approved fittings recommended by RIFENG.

F1C Installation Instructions



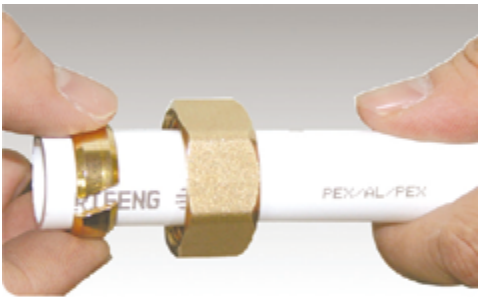
STEP 1: Pipe cutting

Cut the pipe vertically and precisely with a pipe cutter.



STEP 2: Rounding and beveling

Round and bevel the ends with the RIFENG reamer



STEP 3: Inserting

Place the nut and then the compression ring onto the pipe. Please note the threaded opening must face the pipe end.



Fully insert the fitting core into the pipe. Please don't damage the O-ring on the fitting core during insertion.



STEP 4: Compression

Tighten the nut with your finger first. Then tighten the nut with a spanner.

Notice:

- This installation manual is specifically for the 14-32(mm) multilayer piping systems.
- For best connection, RIFENG pipes should be connected with approved fittings recommended by RIFENG.

PEX+Lead Free Crimp Fittings (Copper crimp ring)



STEP 1: Pipe cutting

Cut the pipe vertically and precisely with the RIFENG pipe cutter



STEP 2: Inserting

Choose the right size fitting according to the pipe. Slide the copper crimp ring over the pipe to the correct position. Next, insert the fitting into the pipe until it reaches the shoulder of the fitting. Make sure it is completely inserted into the pipe and that the contact point is clean and free of impurities.



STEP 3: Pressing

Place the crimping end of the tool around the crimp ring and press the handles together. While pressing, make sure the crimping jaw is vertical to the pipe, the pressing contact must be free of impurities.



STEP 4: Checking

Use the GO-NO-GO gauge to check whether the pressing is completed. If the crimp ring slides into the "GO"slot, but stops at the shoulder in the "GO"slot, then the pressing is acceptable.

PEX+Lead Free Crimp Fittings (Stainless steel crimp)



STEP 1: Pipe cutting

Cut the pipe vertically and precisely with the RIFENG pipe cutter.



STEP 2: Sleeving

Choose the right size (slightly larger than the pipe) stainless steel crimp and slide it onto the pipe.



STEP 3: Inserting

Insert the fitting into the pipe until it reaches the shoulder of the fitting. Make sure it is completely inserted into the pipe and that the contact point is clean and free of impurities.



STEP 4: Pressing

Use the manual pressing tool with right size of jaw. Open the crimping tool and attach to the mouth of the crimp , press the jaw until it closes completely. While pressing, make sure the crimping jaw is vertical to the pipe. The pressing area must be clean and free of impurities.



The crimp will be tightened after pressing and the pipe will be fully linked with the fitting.

Notice:

- This installation manual is specifically for the 3/8"-1" PEX piping systems.
- For best connection, Multilayer pipes should be connected with approved fittings recommended by RIFENG.

PF15 PEX Press Fitting



STEP 1: Pipe cutting
Cut the pipe vertically and precisely with a pipe cutter.



STEP 2: Inserting
Choose an appropriately sized press fitting for the pipe, then slide it onto the pipe. Fully insert the fitting into the pipe.



STEP 3: Pressing
Make sure the sleeve is placed correctly in the jaw. The sleeve must be placed into the groove of the pressing section.



STEP 4: Verification
If pressed correctly, the joint will fit the "GO" side of the corresponding size of the gauge.

Notice:

- This installation manual is specifically for the 3/8"-1" PEX piping systems.
- For your safe connection, RIFENG pipes should be connected with approved fittings recommended by RIFENG.

PP-R Pipe Installation Instructions



STEP 1:
Cut the pipe vertically.



STEP 2:
Remove the burr and clean any rough edges. Use a pencil and the RIFENG marker to mark the melting depth on the pipe ends.



STEP 3:
Insert the pipe and fitting simultaneously into the melding heads of the device. Push the fitting as far as possible, push the pipe to the marked position. *Note: If pipe is pushed past the marked position or heated for too long, the pipe may be damaged or clogged. See specific times in table on the right.



STEP 4:
When the heating time is reached, quickly remove the pipe and fittings from the melding heads, then connect the pipe and fitting together evenly.



STEP 5:
Hold the pipe and fitting according to the connecting time until the welding is completed.

Notice:

- This installation manual is specifically for the 20~63(mm) PP-R piping system
- For best connection, RIFENG pipes should be connected with approved fittings recommended by RIFENG.

PVC Glue Connection



STEP 1: Pipe cutting

Cut the pipe vertically and precisely with the RIFENG pipe cutter.



STEP 2: Cleaning

Clean the surface of the pipe and fitting, make sure all burrs are removed from the inside and outside edges.



STEP 3: Marking

Mark the installation depth for the pipe and fitting.



STEP 4: Applying PVC glue

Coat the outside of the pipe and inside of the fitting with lubricating fluid (soapy water is suitable) for easier insertion.



STEP 5: Connection

After the pipe and fitting are coated with glue, quickly insert them and rotate to evenly distribute glue and ensure a firm connection.

After installation is complete, wipe away excess glue.

PVC Rubber-Ring Connection



STEP 1: Pipe cutting

Cut the pipe vertically and precisely with a pipe cutter.



STEP 2: Cleaning

Clean the surface of the pipe and fitting, make sure all burrs are removed from the inside and outside edges.



STEP 3: Marking

Mark the installation depth for the pipe and fitting.



STEP 4: Lubricant coating

Coat the outside of the pipe and inside of the fitting with lubricating fluid (soapy water is suitable) for easier insertion.



STEP 5: Connection

Loosen the nut, insert the pipe into the fitting, then tighten the nut to complete the connection.

Installation of PVC Fitting



STEP 1: Measuring

Wipe the surface of the pipe and fitting. Measure the installation depth.



STEP 2: Marking

Mark the installation depth.



STEP 3: Applying PVC glue

Evenly apply PVC glue to the pipe and fitting.



STEP 4: Connection

After the pipe and fitting are coated with glue, quickly insert them and rotate to evenly distribute glue and ensure a firm connection.

After installation is complete, wipe away excess glue.

Installation of Gang Box



STEP 1: Insert and tighten

Insert terminal adapter into the gang box and then tighten.



STEP 2: Marking

Wipe the surface of the pipe and fitting. Measure the installation depth.



STEP 3: Marking

Mark the installation depth.



STEP 4: Applying PVC glue

Evenly apply PVC glue to pipe and fitting.



STEP 5: Connection

After the pipe and fitting are coated with glue, quickly insert them and rotate to evenly distribute glue and ensure a firm connection.

After installation is complete, wipe away excess glue.