



PVC PLUMBING SYSTEM



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ABOUT RIFENG

RIFENG is a leading multinational corporation, providing onestop piping solutions applied in residential, commercial, agricultural, industrial, and infrastructural sectors. Persistently reinventing since 1996, with over 8,000 employees, 70 branches & subsidiaries, and 300,000 distributors, we have served customers in more than 100 countries and regions.

With an integrated value chain, from R&D to manufacturing and retail distribution, we strive to fulfill our mission of offering ideal piping products and services for all environments.

8,000
Employees

300,000
Distuibutors
worldwide

70
Branches &
subsidiaries

100+
Serving over 100
countries & regions



INNOVATION

Believing that innovation is the key to go beyond the ordinary, RIFENG has founded one world-class lab recognized and certified by CNAS. Over 600 innovation talents have spared no effort to challenge industrial boundaries, achieving 923 patents and 20 technology awards.

And this innovative passion has perfectly presented on high quality products and outstanding services, we strive to offer ideal piping solutions to everyone.



SCALE

We adopt highly automated production lines with the most rigorous and comprehensive production control, and management system to handle such a powerful production.

Facility

10

Global production bases

5,200+

Production staffs

200

Hectares area totally

4,000+

Automated production lines

Capacity

Production Capacity

- Pipe: **3.2 billion** m/yr
- Fitting: **1.3 billion** pcs/yr

Storage Capacity

- **1,735,000 m³** ≈ 61,950 TEU (20 GP Containers)

RIFENG APPROVALS

RIFENG adhere to the concept of quality priority, all RIFENG products are produced under rigorous quality control with excelsior manufacturing. Until now, RIFENG has gained over 50 certificates, such as NSF, DVGW, AENOR, WRAS Watermark, etc. These certificates worldwide underline our technical and quality know-how, and we can provide you with 25 years system warranty backed up by an international insurance company.

Group Honor



Certificates





RIFENG PVC PLUMBING SYSTEM

INTRODUCTION

Pipes and fittings made of PVC-U are among the most widely used plastic products in the world, offering mature technology for water supply and drainage piping networks. RIFENG PVC-U Water Supply Piping Network is a prime example of the quality construction possible with this material. The finished products exceed all relevant standards, making it ideal for drinking water supply equipment. These networks are designed to provide uninterrupted water supply in temperatures ranging from 20°C to 50°C, with a service life of up to 50 years. With a full range of sizes and models available for building water supply, RIFENG PVC-U piping networks can meet a variety of requirements. The series of PVC-U pipes includes pressure ranges from PN6 to PN16, conforming to the GB/T10002.1 or ISO 4422 standard. Additionally, the PVC-U pressure fittings conform to the GB/T10002.2 or ISO 4422 standards.

Advantages



High Flow Capacity

PVC-U pipes have excellent fluid transport capabilities due to their smooth inner and outer walls, which have a roughness coefficient of only 0.008 to 0.009. This results in a more efficient flow of fluids than traditional cast iron piping networks, enhancing fluid transport efficiency by up to 25%.



Corrosion Resistance

Thanks to its inherent resistance to acid and alkali, PVC-U material does not rust or require antiseptic treatment. The service life is 4 times that of cast iron.



Lightweight and Easy Installation

With a density of only 1/5 to 1/6 that of cast iron, PVC-U pipes are much lighter and easier to handle. The simple connection method also makes faster installation.



High Tensile Strength

PVC-U pipes have a high tensile strength and shock resistance, making them less likely to break or fail and ensuring safe operation of the piping network.



Long Service Life

PVC-U pipes have a significantly longer service life than many other piping materials, with a lifespan of over 50 years compared to the typical 20 to 30 years for other materials.



Lower Price

In addition to their many performance benefits, PVC-U pipes are also an affordable alternative to other materials such as cast iron, making them a cost-effective solution for a variety of applications.

Applications

- For water supply in buildings
- For water treatment plants
- For aquaculture
- For irrigation, normal water transport for industry

Standards

- ISO 4422
- GB/T10002.1
- GB/T10002.2

RIFENG PVC-U PIPE



Pipe size (mm)	S16	S12	S10	S8	S6.3	S5	S4
	SDR33	SDR26	SDR21	SDR17	SDR13.6	SDR11	SDR9
	PN0.63	PN0.8	PN1.0	PN1.25	PN1.6	PN2.0	PN2.5
Wall thickness (mm)							
20	—	—	—	—	—	2	2.3
25	—	—	—	—	2	2.3	2.8
32	—	—	—	2	2.4	2.9	3.6
40	—	—	2	2.4	3	3.7	4.5
50	—	2	2.4	3	3.7	4.6	5.6
63	2	2.5	3	3.8	4.7	5.8	7.1
75	2.3	2.9	3.6	4.5	5.6	6.9	8.4
90		3.5	4.3	5.4	6.7	8.2	10.1
110	2.7	3.4	4.2	5.3	6.6	8.1	10
125	3.1	3.9	4.8	6	7.4	9.2	11.4
140	3.5	4.3	5.4	6.7	8.3	10.3	12.7
160	4	4.9	6.2	7.7	9.5	11.8	14.6
180	4.4	5.5	6.9	8.6	10.7	13.3	16.4
200	4.9	6.2	7.7	9.6	11.9	14.7	18.2
225	5.5	6.9	8.6	10.8	13.4	16.6	—
250	6.2	7.7	9.6	11.9	14.8	18.4	—
280	6.9	8.6	10.7	13.4	16.6	20.6	—
315	7.7	9.7	12.1	15	18.7	23.2	—
355	8.7	10.9	13.6	16.9	21.1	26.1	—
400	9.8	12.3	15.3	19.1	23.7	29.4	—
450	11	13.8	17.2	21.5	26.7	33.1	—
500	12.3	15.3	19.1	23.9	29.7	36.8	—
560	13.7	17.2	21.4	26.7	—	—	—
630	15.4	19.3	24.1	30	—	—	—
710	17.4	21.8	27.2	—	—	—	—
800	19.6	24.5	30.6	—	—	—	—
900	22	27.6	—	—	—	—	—
1000	24.5	30.6	—	—	—	—	—

PVC-U PIPE



PN(MPa)	Description	D	W
0.8	PVC-U Pipe-PN0.8-110x3.4-4-White	110	3.4

PVC-U PIPE



PN(MPa)	Description	D	W
1.0	PVC-U Pipe-PN1.0-40X2.0-40(4.0X10)-White	40	2.0
1.0	PVC-U Pipe-PN1.0-50x2.4-6(3x2)-White	50	2.4
1.0	PVC-U Pipe-PN1.0-50x2.4-8(4x2)-White	50	2.4
1.0	PVC-U Pipe-PN1.0-63x3.0-8(4x2)-White	63	3.0
1.0	PVC-U Pipe-PN1.0-75x3.6-8(4x2)-White	75	3.6
1.0	PVC-U Pipe-PN1.0-90x4.3-4-White	90	4.3
1.0	PVC-U Pipe-PN1.0-110x4.2-4-White	110	4.2
1.0	PVC-U Pipe-PN1.0-160x6.2-4-White	160	6.2
1.0	PVC-U Pipe-PN1.0-200x7.7-4-White	200	7.7

PVC-U PIPE



PN(MPa)	Description	D	W
1.25	PVC-U Pipe-PN1.25-32x2.0-40(4x10)-White	32	2.0
1.25	PVC-U Pipe-PN1.25-40x2.4-40(4X10)-White	40	2.4
1.25	PVC-U Pipe-PN1.25-50x3.0-8(4x2)-White	50	3.0
1.25	PVC-U Pipe-PN1.25-63x3.8-8(4x2)-White	63	3.8
1.25	PVC-U Pipe-PN1.25-75x4.5-8(4x2)-White	75	4.5
1.25	PVC-U Pipe-PN1.25-90x5.4-4-White	90	5.4
1.25	PVC-U Pipe-PN1.25-110x5.3-4-White	110	5.3
1.25	PVC-U Pipe-PN1.25-160x7.7-4-White	160	7.7
1.25	PVC-U Pipe-PN1.25-200x9.6-4-White	200	9.6

PVC-U PIPE



PN(MPa)	Description	D	W
1.6	PVC-U Pipe-PN1.6-25x2.0-80(4.0x20)-White	25	2.0
1.6	PVC-U Pipe-PN1.6-32x2.4-40(4x10)-White	32	2.4
1.6	PVC-U Pipe-PN1.6-40x3.0-40(4x10)-White	40	3.0
1.6	PVC-U Pipe-PN1.6-50x3.7-8(4x2)-White	50	3.7
1.6	PVC-U Pipe-PN1.6-63x4.7-4-White	63	4.7
1.6	PVC-U Pipe-PN1.6-75x5.6-8(4x2)-White	75	5.6
1.6	PVC-U Pipe-PN1.6-90x6.7-4-White	90	6.7
1.6	PVC-U Pipe-PN1.6-110x6.6-4-White	110	6.6
1.6	PVC-U Pipe-PN1.6-160x9.5-4-White	160	9.5
1.6	PVC-U Pipe-PN1.6-200x11.9-4-White	200	11.9

PVC-U PIPE



PN(MPa)	Description	D	W
2.0	PVC-U Pipe-PN2.0-20x2.0-100(4x25)-White	20	2.0
2.0	PVC-U Pipe-PN2.0-32x2.9-40(4x10)-White	32	2.9
2.0	PVC-U Pipe-PN2.0-40x3.7-40(4x10)-White	40	3.7
2.0	PVC-U Pipe-PN2.0-50x4.6-8(4x2)-White	50	4.6
2.0	PVC-U Pipe-PN2.0-63x4.7-4-White	63	4.7
2.0	PVC-U Pipe-PN2.0-63x5.8-8(4x2)-White	63	5.8
2.0	PVC-U Pipe-PN2.0-75x6.9-8(4x2)-White	75	6.9
2.0	PVC-U Pipe-PN2.0-90x8.2-4-White	90	8.2
2.0	PVC-U Pipe-PN2.0-110x8.1-4-White	110	8.1
2.0	PVC-U Pipe-PN2.0-160x11.8-4-White	160	11.8
2.0	PVC-U Pipe-PN2.0-200x14.7-4-White	200	14.7

PVC-U PIPE



PN(MPa)	Description	D	W
2.5	PVC-U Pipe-PN2.5-20x2.3-100(4x25)-White	20	2.3
2.5	PVC-U Pipe-PN2.5-25x2.8-80(4x20)-White	25	2.8
2.5	PVC-U Pipe-PN2.5-32x3.6-40(4x10)-White	32	3.6
2.5	PVC-U Pipe-PN2.5-40x4.5-40(4x10)-White	40	4.5
2.5	PVC-U Pipe-PN2.5-50x5.6-8(4x2)-White	50	5.6
2.5	PVC-U Pipe-PN2.5-63x7.1-8(4x2)-White	63	7.1
2.5	PVC-U Pipe-PN2.5-75x8.4-8(4x2)-White	75	8.4
2.5	PVC-U Pipe-PN2.5-90x10.1-4-White	90	10.1
2.5	PVC-U Pipe-PN2.5-110x10.0-4-White	110	10.0
2.5	PVC-U Pipe-PN2.5-160x14.6-4-White	160	14.6
2.5	PVC-U Pipe-PN2.5-200x18.2-4-White	200	18.2

RIFENG PVC-U FITTINGS



COUPLING
20~250mm



REDUCING ELBOW
20~32mm



REDUCING RING
20~63mm



FEMALE ADAPTER
20~110mm



FEMALE ELBOW
(COPPER THREAD)
20~32mm



FLANGE
50~200mm



REDUCING COUPLING
20~250mm



EQUAL TEE
20~250mm



MALE PLUG
20~63mm



FEMALE ELBOW
20~32mm



FEMALE TEE
(COPPER THREAD)
20~32mm



MOVABLE CASING
FLANGE
50~200mm



90° ELBOW
20~250mm



REDUCING TEE
20~250mm



END CAP
20~200mm



FEMALE TEE
20~32mm



COMPRESSION
COUPLING
20~200mm



HIGH CLIP
20~63mm



45° ELBOW
20~250mm



CROSS
32~40mm



MALE ADAPTER
20~110mm



FEMALE COUPLING
(COPPER THREAD)
20~32mm



UNION
20~63mm

Coupling

	Description	Specif.	D(mm)	PN(MPa)
	Coupling F35-S20x20 White/Grey	20	20	1.0/2.0
	Coupling F35-S25x25 White/Grey	25	25	1.0/1.6
	Coupling F35-S32x32 White/Grey	32	32	1.0/1.6
	Coupling F35-S40x40 White/Grey	40	40	1.0/1.6
	Coupling F35-S50x50 White/Grey	50	50	1.0/1.6
	Coupling F35-S63x63 White/Grey	63	63	1.0/1.6
	Coupling F35-S75x75 White/Grey	75	75	1.0/1.6
	Coupling F35-S90x90 White/Grey	90	90	1.0/1.6
	Coupling F35-S110x110 White/Grey	110	110	1.0
	Coupling F35-S160x160 White/Grey	160	160	1.0
	Coupling F35-S200x200 White/Grey	200	200	1.0
	Coupling F35-S250x250 White	250	250	1.0

Reducing Coupling

	Description	Specif.	D(mm)	D1(mm)	PN(MPa)
	Reducing Coupling F35-S25x20 White	25×20	25	20	1.0/1.6
	Reducing Coupling F35-S32x20 White/Grey	32×20	32	20	1.0/1.6
	Reducing Coupling F35-S32x25 White	32×25	32	25	1.0/1.6
	Reducing Coupling F35-S40x20 White/Grey	40×20	40	20	1.0/1.6
	Reducing Coupling F35-S40x25 White	40×25	40	25	1.0/1.6
	Reducing Coupling F35-S40x32 White	40×32	40	32	1.0/1.6
	Reducing Coupling F35-S50x20 White	50×20	50	20	1.0/1.6
	Reducing Coupling F35-S50x25 White/Grey	50×25	50	25	1.0/1.6
	Reducing Coupling F35-S50x32 White/Grey	50×32	50	32	1.0/1.6
	Reducing Coupling F35-S63x25 White/Grey	63×25	63	25	1.0
	Reducing Coupling F35-S63x32 White/Grey	63×32	63	32	1.0
	Reducing Coupling F35-S63x40 White/Grey	63×40	63	40	1.0
	Reducing Coupling F35-S63x50 White	63×50	63	50	1.0
	Reducing Coupling F35-S75x40 White/Grey	75×40	75	40	1.0
	Reducing Coupling F35-S75x50 White	75×50	75	50	1.0
	Reducing Coupling F35-S75x63 White	75×63	75	63	1.0
	Reducing Coupling F35-S90x40 White	90×40	90	40	1.0
	Reducing Coupling F35-S90x50 White	90×50	90	50	1.0
	Reducing Coupling F35-S90x63 White	90×63	90	63	1.0
	Reducing Coupling F35-S90x75 White	90×75	90	75	1.0
	Reducing Coupling F35-S110x50 White/Grey	110×50	110	50	1.0
	Reducing Coupling F35-S110x63 White	110×63	110	63	1.0
	Reducing Coupling F35-S110x75 White/Grey	110×75	110	75	1.0/1.6
	Reducing Coupling F35-S110x90 White/Grey	110×90	110	90	1.0/1.6
	Reducing Coupling F35-S160x110 White/Grey/Blue	160×110	160	110	1.0
	Reducing Coupling F35-S200x110 White	200×110	200	110	1.0
	Reducing Coupling F35-S200x160 White	200×160	200	160	1.0

90° Elbow

	Description	Specif.	D(mm)	PN(MPa)
	90° Elbow F35-L20x20 White/Grey	20	20	1.0/2.0
	90° Elbow F35-L25x25 White/Grey	25	25	1.0/1.6
	90° Elbow F35-L32x32 White	32	32	1.0/1.6
	90° Elbow F35-L40x40 White	40	40	1.0/1.6
	90° Elbow F35-L50x50 White/Grey	50	50	1.0/1.6
	90° Elbow F35-L63x63 White	63	63	1.0/1.6
	90° Elbow F35-L75x75 White//Grey/Blue	75	75	1.0
	90° Elbow F35-L90x90 White/Grey	90	90	1.0
	90° Elbow F35-L110x110 White/Grey/Blue	110	110	1.0
	90° Elbow F35-L160x160 White/Grey/Blue	160	160	1.0
	90° Elbow F35-L200x200 White//Grey/Blue	200	200	1.0
	90° Elbow F35-L250x250 White/Grey	250	250	1.0

45° Elbow

	Description	Specif.	D(mm)	PN(MPa)
	45° Elbow F35-L20x20 White	20	20	1.0/2.0
	45° Elbow F35-L25x25 White/Grey	25	25	1.0/1.6
	45° Elbow F35-L32x32 White	32	32	1.0/1.6
	45° Elbow F35-L40x40 White/Grey	40	40	1.0/1.6
	45° Elbow F35-L50x50 White	50	50	1.0/1.6
	45° Elbow F35-L63x63 White	63	63	1.0
	45° Elbow F35-L75x75 White/Grey/Blue	75	75	1.0
	45° Elbow F35-L90x90 White	90	90	1.0
	45° Elbow F35-L110x110 White/Grey/Blue	110	110	1.0
	45° Elbow F35-L160x160 White/Grey/Blue	160	160	1.0
	45° Elbow F35-L200x200 White/Grey/Blue	200	200	1.0
	45° Elbow F35-L250x250 White	250	250	1.0

Reducing Elbow



Description	Specif.	D(mm)	D1(mm)	PN(MPa)
Reducing Elbow F35-L25x20 White	25×20	25	20	1.0/1.6
Reducing Elbow F35-L32x20 White	32×20	32	20	1.6
Reducing Elbow F35-L32x25 White	32×25	32	25	1.6
Reducing Elbow F35-L40x20 White	40×20	40	20	1.6
Reducing Elbow F35-L40x25 White	40×25	40	25	1.0
Reducing Elbow F35-L40x32 White	40×32	40	32	1.6
Reducing Elbow F35-L50x20 White	50×20	50	20	1.6
Reducing Elbow F35-L50x25 White	50×25	50	25	1.6
Reducing Elbow F35-L50x32 White	50×32	50	32	1.6
Reducing Elbow F35-L50x40 White	50×40	50	40	1.6
Reducing Elbow F35-L63x25 White	63×25	63	25	1.0
Reducing Elbow F35-L63x32 White	63×32	63	32	1.0
Reducing Elbow F35-L63x40 White	63×40	63	40	1.0
Reducing Elbow F35-L63x50 White	63×50	63	50	1.0
Reducing Elbow F35-L75x32 White	75×32	75	32	1.0
Reducing Elbow F35-L75x40 White	75×40	75	40	1.0
Reducing Elbow F35-L75x50 White	75×50	75	50	1.0
Reducing Elbow F35-L75x63 White	75×63	75	63	1.0
Reducing Elbow F35-L90x40 White	90×40	90	40	1.0
Reducing Elbow F35-L90x50 White	90×50	90	50	1.0
Reducing Elbow F35-L90x63 White	90×63	90	63	1.0
Reducing Elbow F35-L90x75 White	90×75	90	75	1.0
Reducing Elbow F35-L110x50 White	110×50	110	50	1.0

Equal Tee



Description	Specif.	D(mm)	PN(MPa)
Equal Tee F35-T20x20x20 White/Grey	20	20	1.0/1.6
Equal Tee F35-T25x25x25 White	25	25	1.6
Equal Tee F35-T32x32x32 White	32	32	1.6
Equal Tee F35-T40x40x40 White	40	40	1.6
Equal Tee F35-T50x50x50 White/Grey	50	50	1.0
Equal Tee F35-T63x63x63 White	63	63	1.6
Equal Tee F35-T75x75x75 White/Blue	75	75	1.6
Equal Tee F35-T90x90x90 White	90	90	1.6
Equal Tee F35-T110x110x110 White/Blue	110	110	1.6
Equal Tee F35-T160x160x160 White/Blue/Grey	160	160	1.6
Equal Tee F35-T200x200x200 White/Blue/Grey	200	200	1.0
Equal Tee F35-T200x200x200 White	250	250	1.0

Equal Tee



Description	Specif.	D(mm)	D1(mm)	PN(MPa)
Cross F35-X20x20x20x20 White	20	20	2.0	1.0/1.6
Cross F35-X32x32x32x32 White	32	32		1.6
Cross F35-X40x40x40x40 White	40	40		1.6

Reducing Ring



Description	Specif.	D(mm)	D1(mm)	PN(MPa)
Reducing Ring F35-SD25x20 White	25×20	25	20	1.0/1.6
Reducing Ring F35-SD32x25 White	32×25	32	25	1.0/1.6
Reducing Ring F35-SD40x20 White	40×20	40	20	1.6
Reducing Ring F35-SD40x25 White	40×25	40	25	1.6
Reducing Ring F35-SD40x32 White	40×32	40	32	1.0/1.6
Reducing Ring F35-SD50x20 White	50×20	50	20	1.6
Reducing Ring F35-SD50x25 White	50×25	50	25	1.6
Reducing Ring F35-SD50x32 White	50×32	50	32	1.6
Reducing Ring F35-SD50x40 White	50×40	50	40	1.6
Reducing Ring F35-SD63x50 White	63×50	63	50	1.0
Reducing Ring F35-SD90x75 White	90×75	90	75	1.0
Reducing Ring F35-SD110x90 White	110×90	110	90	1.0

Male Plug



Description	Specif.	M	PN(MPa)
Male Plug F35-D1/2M White	20	1/2"	1.6
Male Plug F35-D3/4M White	25	3/4"	1.6
Male Plug F35-D1M White	32	1"	1.6
Male Plug F35-D1-1/4M White	40	1-1/4"	1.6
Male Plug F35-D1-1/2M White	50	1-1/2"	1.6
Male Plug F35-D2M White	63	2"	1.6

End Cap

	Description	Specif.	D(mm)	PN(MPa)
	End Cap F35-M20 White/Grey	20	20	1.0/2.0
	End Cap F35-M25 White/Grey	25	25	1.0/1.6
	End Cap F35-M32 White/Grey	32	32	1.0/1.6
	End Cap F35-M40 White/Grey	40	40	1.0/1.6
	End Cap F35-M50 White/Grey	50	50	1.0/1.6
	End Cap F35-M63 White	63	63	1.0
	End Cap F35-M75 White/Grey	75	75	1.0
	End Cap F35-M90 White	90	90	1.0
	End Cap F35-M110 White	110	110	1.0
	End Cap F35-M160 White/Grey	160	160	1.0
	End Cap F35-M200 White	200	200	1.0

Male Adapter

	Description	Specif.	D(mm)	M	PN(MPa)
	Male Adapte F35-S20x1/2M White/Grey	20×1/2"	20	1/2"	1.0/1.6
	Male Adapte F35-S25x3/4M White	25×3/4"	25	3/4"	1.0/1.6
	Male Adapte F35-S32x1M White/Grey	32×1"	32	1"	1.0/1.6
	Male Adapte F35-S40x1-1/4M White/Grey	40×1-1/4"	40	1-1/4"	1.0/1.6
	Male Adapte F35-S50x1-1/2M White	50×1-1/2"	50	1-1/2"	1.0/1.6
	Male Adapte F35-S63x2M White	63×2"	63	2"	1.0
	Male Adapte F35-S75x2-1/2M White/Grey/Blue	75×2-1/2"	75	2-1/2"	1.0
	Male Adapte F35-S90x3M White	90×3"	90	3"	1.0
	Male Adapte F35-S110x4M White/Blue	110×4"	110	4"	1.0

Female Adapter

	Description	Specif.	D(mm)	M	PN(MPa)
	Female Adapter F35-S20x1/2F White	20×1/2"	20	1/2"	1.0
	Female Adapter F35-S25x3/4F White/Grey	25×3/4"	25	3/4"	1.0
	Female Adapter F35-S32x1F White/Grey	32×1"	32	1"	1.0
	Female Adapter F35-S40x1-1/4F White/Grey	40×1-1/4"	40	1-1/4"	1.0
	Female Adapter F35-S50x1-1/2F White/Grey	50×1-1/2"	50	1-1/2"	1.0/1.6
	Female Adapter F35-S63x2F White/Grey	63×2"	63	2"	1.0
	Female Adapter F35-S75x2-1/2F White/Grey	75×2-1/2"	75	2-1/2"	1.0
	Female Adapter F35-S90x3F White/Grey	90×3"	90	3"	1.0
	Female Adapter F35-S110x4F White	110×4"	110	4"	1.0

Female Adapter

	Description	Specif.	D(mm)	M	PN(MPa)
	Female Elbow F35-L20x1/2F White/Grey	20×1/2"	20	1/2"	1.0
	Female Elbow F35-L25x1/2F White	25×1/2"	25	1/2"	
	Female Elbow F35-L25x3/4F White/Grey	25×3/4"	25	3/4"	1.0
	Female Elbow F35-L32x1/2F White	32×1/2"	32	1/2"	
	Female Elbow F35-L32x3/4F White	32×3/4"	32	3/4"	
	Female Elbow F35-L32x1F White	32×1"	32	1"	1.0

Female Tee

	Description	Specif.	D(mm)	M	PN(MPa)
	Female Tee F35-T20x1/2x20 White/Grey	20×1/2"	20	1/2"	1.0
	Female Tee F35-T25x1/2x25 White	25×1/2"	25	1/2"	1.0
	Female Tee F35-T25x3/4x25 White	25×3/4"	25	3/4"	1.0
	Female Tee F35-T32x1/2x32 White	32×1/2"	32	1/2"	1.0
	Female Tee F35-T32x3/4x32 White	32×3/4"	32	3/4"	1.0
	Female Tee F35-T32x1x32 White	32×1"	32	1"	1.0

Female Coupling (Copper Thread)

	Description	Specif.	D(mm)	M	PN(MPa)
	Female Coupling(CopperThread) F35-S20x1/2F White	20×1/2"	20	1/2"	1.6
	Female Coupling(CopperThread) F35-S25x1/2F White	25×1/2"	25	1/2"	1.0
	Female Coupling(CopperThread) F35-S25x3/4F White	25×3/4"	25	3/4"	1.0/1.6
	Female Coupling(CopperThread) F35-S32x1/2F White	32×1/2"	32	1/2"	1.0
	Female Coupling(CopperThread) F35-S32x3/4F White	32×3/4"	32	3/4"	1.0
	Female Coupling(CopperThread) F35-S32x1F White	32×1"	32	1"	1.0/1.6
	Female Coupling(CopperThread) F35-S40x1-1/4F White	40x1-1/4"	40	1-1/4"	1.6
	Female Coupling(CopperThread) F35-S50x1-1/2F White	50x1-1/2"	50	1-1/2"	1.6
	Female Coupling(CopperThread) F35-S63x2F White	63x2"	63	2"	1.0
	Female Coupling(CopperThread) F35-S75x2-1/2F White	75x2-1/2"	75	2-1/2"	1.0

Female Elbow (Copper Thread)

	Description	Specif.	D(mm)	M	PN(MPa)
	Female Elbow(CopperThread) F35-L20x1/2F White	20×1/2"	20	1/2"	1.6
	Female Elbow(CopperThread) F35-L25x1/2F White	25×1/2"	25	1/2"	
	Female Elbow(CopperThread) F35-L25x3/4F White	25×3/4"	25	3/4"	1.6
	Female Elbow(CopperThread) F35-L32x1/2F White	32×1/2"	32	1/2"	
	Female Elbow(CopperThread) F35-L32x3/4F White	32×3/4"	32	3/4"	
	Female Elbow(CopperThread) F35-L32x1F White	32×1"	32	1"	1.6

Female Tee (Copper Thread)

	Description	Specif.	D(mm)	M	PN(MPa)
	Female Tee(CopperThread) F35-T20x1/2Fx20 White	20×1/2"	20	1/2"	1.6
	Female Tee(CopperThread) F35-T25x1/2Fx25 White	25×1/2"	25	1/2"	
	Female Tee(CopperThread) F35-T25x3/4Fx25 White	25×3/4"	25	3/4"	1.6
	Female Tee(CopperThread) F35-T32x1/2Fx32 White	32×1/2"	32	1/2"	
	Female Tee(CopperThread) F35-T32x3/4Fx32 White	32×3/4"	32	3/4"	
	Female Tee(CopperThread) F35-T32x1Fx32 White	32×1"	32	1"	1.6

Compression Coupling

	Description	Specif.	D(mm)	PN(MPa)
	Compression Coupling F35-S20x20 White	20	20	1.0/1.6
	Compression Coupling F35-S25x25 White	25	25	1.0/1.6
	Compression Coupling F35-S32x32 White	32	32	1.0/1.6
	Compression Coupling F35-S40x40 White	40	40	1.0/1.6
	Compression Coupling F35-S50x50 White	50	50	1.0/1.6
	Compression Coupling F35-S63x63 White	63	63	1.0
	Compression Coupling F35-S75x75 White	75	75	1.0
	Compression Coupling F35-S90x90 White	90	90	1.0
	Compression Coupling F35-S110x110 White	110	110	1.0
	Compression Coupling F35-S160x160 White	160	160	1.0
	Compression Coupling F35-S200x200 White	200	200	

Union

	Description	Specif.	D(mm)	PN(MPa)
	Union F35-S20x20 White	20	20	1.0/1.6
	Union F35-S25x25 White/Grey	25	25	1.0/1.6
	Union F35-S32x32 White	32	32	1.0/1.6
	Union F35-S40x40 White/Grey	40	40	1.0/1.6
	Union F35-S50x50 White/Grey	50	50	1.0/1.6
	Union F35-S63x63 White/Grey	63	63	1.0

Flange

	Description	Specif.	D(mm)	PN(MPa)
	FlangeF35-D50White	50	50	
	FlangeF35-D63 White	63	63	1.0
	FlangeF35-D75 White/Blue/Grey	75	75	1.0
	FlangeF35-D90 White	90	90	1.0
	FlangeF35-D110 White/Blue	110	110	1.0
	FlangeF35-D160 White/Blue/Grey	160	160	1.0
	FlangeF35-D200 White/Grey	200	200	1.0

Movable Casing Flange

	Description	Specif.	D(mm)	PN(MPa)
	Movable Casing Flange F35-D50White	50	50	
	Movable Casing Flange F35-D63 White	63	63	1.0
	Movable Casing Flange F35-D75 White/Grey	75	75	1.0
	Movable Casing Flange F35-D90 White/Grey	90	90	1.0
	Movable Casing Flange F35-D110 White/Grey	110	110	1.0
	Movable Casing Flange F35-D160 White/Grey	160	160	1.0
	Movable Casing Flange F35-D200 White/Grey	200	200	1.0

High Clip

	Description	Specif.	D(mm)
	High ClipF35-20	20	20
	High ClipF35-25	25	25
	High ClipF35-32	32	32
	High ClipF35-40	40	40
	High ClipF35-50	50	50
	High ClipF35-63	63	63



INSTALLATION

Glue Connection



Pipe cutting

Cut the pipe vertically and precisely with RIFENG pipe cutter. Make sure to cut it quickly and precisely.



Cleaning

Wipe the surface of pipe and fitting to keep clean, and all the burrs should be removed from the inside and outside edge.



Marking

Mark down the installation depth of pipe and fitting.



Applying PVC glue

Apply the pipe and fitting evenly with PVC glue.



Connection

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

Socket Depth

Pipe diameter dn	Average inner diameter of socket		Minimum socket depth Lo_min
	ds_min	ds_max	
32	32.1	32.4	22
40	40.1	40.4	25
50	50.1	50.4	25
75	75.2	75.5	40
90	90.2	90.5	46
110	110.2	110.6	48
125	125.2	125.7	51
160	160.3	160.8	58
200	200.4	200.9	60
250	250.4	250.9	60
315	315.5	316.0	60

Rubber-Ring Connection



Pipe cutting

Cut the pipe vertically and precisely with RIFENG pipe cutter. Make sure to cut it quickly and precisely.



Cleaning

Wipe the surface of pipe and fitting to keep clean, and all the burrs should be removed from the inside and outside edge.



Marking

Mark down the installation depth of pipe and fitting.



Lubricant coating

Coat the outer surface of the pipe and the inner surface of the fitting with lubricating fluid, which can be coated with soapy water, so that the pipe can be better inserted into the fitting.



Connection

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