



**WEIFANG PALCONN PLASTICS TECHNOLOGY CO.,LTD**



## PALCONN Polypropylene/PP-R pipe & fittings

### PP-R pipe size range

#### PN1.25MPA



Size(mm)	PALCONN Code
20X2.0	PAP-15-S520
25X2.3	PAP-15-S525
32X2.9	PAP-15-S532
40X3.7	PAP-15-S540
50X4.6	PAP-15-S550
63X5.8	PAP-15-S563
75X6.8	PAP-15-S575
90X8.2	PAP-15-S590
110X10.0	PAP-15-S5110

#### PN2.0MPA



Size(mm)	PALCONN Code
20x2.8	PAP-15-S3220
25x3.5	PAP-15-S3225
32x4.4	PAP-15-S3232
40x5.5	PAP-15-S3240
50x6.9	PAP-15-S3250
63x8.6	PAP-15-S3263
75x10.3	PAP-15-S3275
90x12.3	PAP-15-S3290
110x15.1	PAP-15-S32110

#### PN1.6MPA

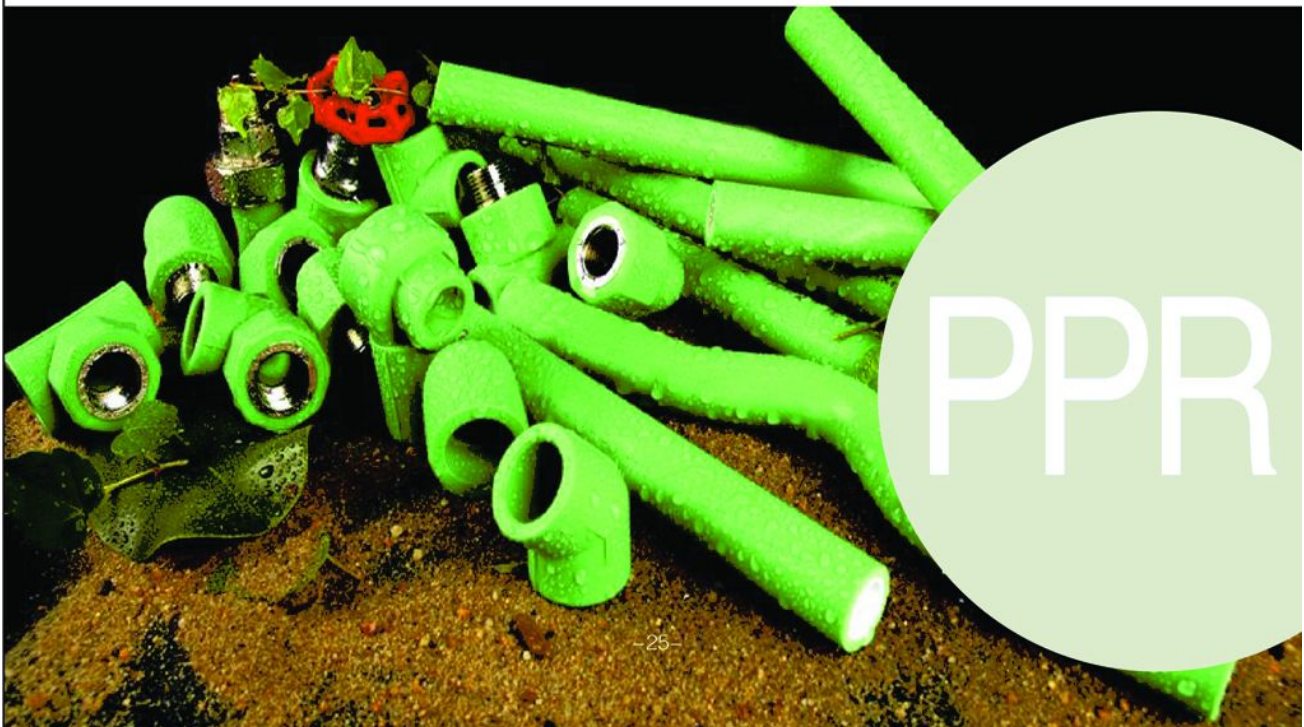


Size(mm)	PALCONN Code
20X2.3	PAP-15-S420
25X2.8	PAP-15-S425
32X3.6	PAP-15-S432
40X4.5	PAP-15-S440
50X5.6	PAP-15-S450
63X7.1	PAP-15-S463
75X8.4	PAP-15-S475
90X10.1	PAP-15-S490
110X12.3	PAP-15-S4110

#### PN2.5MPA



Size(mm)	PALCONN Code
20X3.4	PAP-15-S2520
25X4.2	PAP-15-S2525
32X5.4	PAP-15-S2532
40X6.7	PAP-15-S2540
50X8.3	PAP-15-S2550
63X10.5	PAP-15-S2563
75X12.5	PAP-15-S2575
90X15	PAP-15-S2590
110X18.3	PAP-15-S25110



## PP-R Fiberglass Reinforced Composite Pipe(FR-PPR pipe)

### I .General introduction:

The PP-R fiberglass reinforced composite pipe has the both characteristics of PP-R pipe and FRPP pipe. Palconn PP-R fiberglass reinforced composite pipe keeps the advantages of PP-R pipe of long service life, corrosion resistant, healthy, innocuous, no curding, It solves the problem of high linear expansion coefficient ( $9.33 \times 10^{-5}$ ), and is high-strength, low linear expansion coefficient ( $5.46 \times 10^{-5}$ ), low longitudinal reversion rate, saving energy, no harm to environment, low cost (compare to Al-plastic pipe), is the best pipe product for concealed or exposed installation.

### II .Advantages:

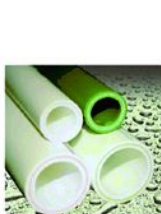
1. High impact strength;
2. Low linear expansion coefficient;
3. Good thermo stability;
4. High Thermal Distortion Temperature;
5. Good-long-term static pressure resistant;
6. Good solder ability, connecting type: thermal melting connection;
7. Good chemical corrosion resistant;
8. Long service life of 50 years.



### III .Applications:

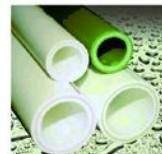
1. Central air-conditioning pipe network system;
2. Central heating pipe network system;
3. Hot-cold water system for industry and civil building;
4. Exposed installation system for geothermal water supply;
5. Transportation system for common corrosive.

### IV .FR-PPR pipe size range



#### PN1.6Mpa

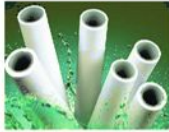
Size(mm)	PALCONN Code
20x2.3	PAP-17S420
25x2.8	PAP-17S425
32x3.6	PAP-17S432
40x4.5	PAP-17S440
50x5.6	PAP-17S450
63x7.1	PAP-17S463



#### PN2.0Mpa

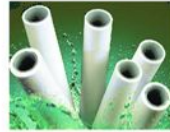
Size(mm)	PALCONN Code
20x2.8	PAP-17S3220
25x3.5	PAP-17S3225
32x4.4	PAP-17S3232
40x5.5	PAP-17S3240
50x6.9	PAP-17S3250
63x8.6	PAP-17S3263

**PALCONN PPR-AL-PPR Pipes**



**PN2.0**

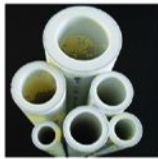
Size(mm)	PALCONN Code
Φ 20 × 3.0	PAL2.0-PPR-AL01
Φ 25 × 3.3	PAL2.0-PPR-AL02
Φ 32 × 4.0	PAL2.0-PPR-AL03
Φ 40 × 5.0	PAL2.0-PPR-AL04
Φ 50 × 5.5	PAL2.0-PPR-AL05
Φ 63 × 7.0	PAL2.0-PPR-AL06



**PN2.5**

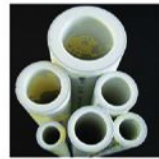
Size(mm)	PALCONN Code
Φ 20 × 3.4	PAL2.5-PPR-AL01
Φ 25 × 4.2	PAL2.5-PPR-AL02
Φ 32 × 5.4	PAL2.5-PPR-AL03
Φ 40 × 6.7	PAL2.5-PPR-AL04
Φ 50 × 8.3	PAL2.5-PPR-AL05
Φ 63 × 10.5	PAL2.5-PPR-AL06

**PALCONN PPR-AL-PPR Steady State Pipes**



**PN2.0**

Size(mm)	PALCONN Code
Φ 20 × 2.8	PAL2.0-PPRST-AL01
Φ 25 × 3.5	PAL2.0-PPRST-AL02
Φ 32 × 4.4	PAL2.0-PPRST-AL03
Φ 40 × 5.5	PAL2.0-PPRST-AL04
Φ 50 × 6.9	PAL2.0-PPRST-AL05
Φ 63 × 8.6	PAL2.0-PPRST-AL06



**PN2.5**

Size(mm)	PALCONN Code
Φ 20 × 3.4	PAL2.5-PPRST-AL01
Φ 25 × 4.2	PAL2.5-PPRST-AL02
Φ 32 × 5.4	PAL2.5-PPRST-AL03
Φ 40 × 6.7	PAL2.5-PPRST-AL04
Φ 50 × 8.3	PAL2.5-PPRST-AL05
Φ 63 × 10.5	PAL2.5-PPRST-AL06

PPR-AL-PPR



**PPR Pipe Fittings**



**Short Bridge Bend**

Size(mm)	PALCONN Code
Φ 20	PAF-PPR07
Φ 25	
Φ 32	
Φ 40	



**Long Bridge Bend**

Size(mm)	PALCONN Code
Φ 20	PAF-PPR08
Φ 25	
Φ 32	



**Pipe Clamp**

Size(mm)	PALCONN Code
Φ 20	PAF-PPR09
Φ 25	
Φ 32	
Φ 40	



**Pipe Plug**

Size(mm)	PALCONN Code
D20	PAF-PPR10
D25	
D32	



**Pipe Cap**

Size(mm)	PALCONN Code
D20	PAF-PPR11
D25	
D32	
D40	
D50	
D63	



**Plastic Union**

Size(mm)	PALCONN Code
Φ 20	PAF-PPR12
Φ 25	
Φ 32	
Φ 40	
Φ 50	
Φ 63	



**Female Socket**

Size(mm)	PALCONN Code
S20 x 1/2"F	PAF-PPR13
S25 x 1/2"F	
S25 x 3/4"F	
S32 x 1/2"F	
S32 x 3/4"F	
S32 x 1"	
S40 x 1-1/4"F	
S50 x 1-1/2"F	
S63 x 2"F	



**Male Socket**

Size(mm)	PALCONN Code
S20 x 1/2"M	PAF-PPR14
S25 x 1/2"M	
S25 x 3/4"M	
S32 x 1/2"M	
S32 x 3/4"M	
S32 x 1"	
S40 x 1-1/4"M	
S50 x 1-1/2"M	
S63 x 2"M	



**Female Elbow**

Size(mm)	PALCONN Code
L20 x 1/2"F	PAF-PPR15
L25 x 1/2"F	
L25 x 3/4"F	
L32 x 1/2"F	
L32 x 3/4"F	
L32 x 1"	
L40 x 1-1/4"F	
L50 x 1-1/2"F	
L63 x 2"F	



**Male Elbow**

Size(mm)	PALCONN Code
L20 x 1/2"M	PAF-PPR16
L25 x 1/2"M	
L25 x 3/4"M	
L32 x 1/2"M	
L32 x 3/4"M	
L32 x 1"	
L40 x 1-1/4"M	
L50 x 1-1/2"M	
L63 x 2"M	

**PPR Pipe Fittings**



**Seated Female Elbow**

Size(mm)	PALCONN Code
ZL20 × 1/2"F	PAF-PPR17
ZL25 × 1/2"F	
ZL25 × 3/4"F	



**Female Tee**

Size(mm)	PALCONN Code
T20 × 1/2"F	PAF-PPR18
T25 × 1/2"F	
T25 × 3/4"F	
T32 × 1/2"F	
T32 × 3/4"F	
T32 × 1"F	



**Male Tee**

Size(mm)	PALCONN Code
T20 × 1/2"M	PAF-PPR19
T25 × 1/2"M	
T25 × 3/4"M	
T32 × 1/2"M	
T32 × 3/4"M	
T32 × 1"M	



**Female Threaded Union**

Size(mm)	PALCONN Code
Φ 20 × 1/2"F	PAF-PPR20
Φ 25 × 3/4"F	
Φ 32 × 1"F	



**Male Threaded Union**

Size(mm)	PALCONN Code
Φ 20 × 1/2"M	PAF-PPR21
Φ 25 × 3/4"M	
Φ 32 × 1"M	



**PPR Plastic-core Ball Valve**

Size(mm)	PALCONN Code
Φ 20	PAF-PPR22
Φ 25	
Φ 32	



**PPR Concealed Valve**

Size(mm)	PALCONN Code
Φ 20	PAF-PPR23
Φ 25	
Φ 32	



**PPR Plastic-core Ball Valve**

Size(mm)	PALCONN Code
Φ 20	PAF-PPR24
Φ 25	
Φ 32	



**PPR Pipe Cutter**

Size(mm)	PALCONN Code
1-5/8"	PAF-PPR25



**PPR Pipe Welding Machine**

Size(mm)	PALCONN Code
20-63	PAF-PPR26



[www.palconn.com](http://www.palconn.com)



**WEIFANG PALCONN PLASTICS TECHNOLOGY CO.,LTD**

ADD:YINMA INDUSTRIAL ZONE,WEIFANG,SHANDONG,CHINA

ZIP CODE:261317

TEL:0086-536-8798363

FAX:0086-536-8650536

E-MAIL:[info@palconn.cn](mailto:info@palconn.cn)

WEB:<http://www.palconn.com>



