

RIFENG PPSU FITTINGS











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RIFENG PPSU fittings are durable and corrosion resistant, providing an ideal solution for aggressive water environments. Dependable connection methods with PEX pipes consist of crimp fittings in line with Standard ASTM F2159 and cold expansion fittings in line with Standard ASTM F1960 for ASTM F876 PEX pipes, which are fast, easy, and safe to install.

As a material with excellent properties, PPSU is mainly used for potable water supply. We believe that stable, hygienic, and high-performance PPSU fittings will be an excellent choice for your next piping system.

Advantages

- | | |
|---|---|
|  More affordable than brass fittings |  Light in weight, reducing labour |
|  Lead - free |  Corrosion and chemical resistance |
|  Faster and easier to Install |  Hygienic, safe for use in the drinking water supply |

Standards

- ASTM F2159
- ASTM F1960
- CSA B137.5
- NSF/ANSI/CAN 61

Certificates





SPECIFICATIONS

F1960 PPSU Expansion Fittings

Coupling



Part number	pcs/ctn
PF6u-S1/2x1/2	800
PF6u-S3/4x3/4	500
PF6u-S1x1	200

Reducer



Part number	pcs/ctn
PF6u-S3/4x1/2	500
PF6u-S1x1/2	400
PF6u-S1x3/4	300

Male Threaded Adapter



Part number	pcs/ctn
PF6u-S1/2x1/2M	500
PF6u-S1/2x3/4M	500
PF6u-S1x1M	150
PF6u-S3/4x1/2M	200
PF6u-S3/4x3/4M	300

Elbow



Part number	pcs/ctn
PF6u-L1/2x1/2	500
PF6u-L3/4x3/4	200
PF6u-L1x1	100

Elbow reducer



Part number	pcs/ctn
PF6u-L3/4x1/2	300
PF6u-L1x3/4	100

Tee



Part number	pcs/ctn
PF6u-T1/2x1/2x1/2	400
PF6u-T3/4x3/4x3/4	200
PF6u-T1x1x1	100

Tee reducer



Part number (L/M/R)	pcs/ctn
PF6u-T1/2x3/4x1/2	300
PF6u-T1x1/2x1	150
PF6u-T1x1x3/4	100
PF6u-T1x3/4x1	150
PF6u-T1x3/4x3/4	150
PF6u-T3/4x1/2x1/2	200
PF6u-T3/4x1/2x3/4	200
PF6u-T3/4x1x3/4	150
PF6u-T3/4x3/4x1/2	200

Plug



Part number	pcs/ctn
PF6u-D1/2	1500
PF6u-D3/4	1000
PF6u-D1	500

Expansion ring



Part number	pcs/ctn
Expansion ring-1/2	1500
Expansion ring-3/4	1000
Expansion ring-1	500

INSTALLATION

F1960 PPSU Expansion Fittings



Step 1:

Cut the pipe vertically and precisely with a pipe cutter.



Step 3:

For electric pipe expansion tool, slide the pipe onto the end of the tool head until it stops. Press the button consistently to expand. Push the pipe at the meantime until it reaches the shoulder of the tool head.



Step 2:

Choose the right specification of expansion ring, and place it onto the end of the pipe.



Step 4:

Immediately remove the tool from the pipe and sleeve. Insert the fitting until its shoulder touches the sleeve end.



Step 5:

Pipe may take up to two minutes to fully seal fitting. Twist the fitting to check if the ring is fully sealed.

F2159 PPSU Crimp Fittings

Coupling



Part number	pcs/ctn
PF5u-S1/2x1/2	1000
PF5u-S3/4x3/4	500
PF5u-S1x1	200

Reducer



Part number	pcs/ctn
PF5u-S3/4x1/2	500
PF5u-S1x1/2	400
PF5u-S1x3/4	300

Male Threaded Adapter



Part number	pcs/ctn
PF5u-S1/2x1/2M	500
PF5u-S1/2x3/4M	300
PF5u-S1x1M	150
PF5u-S3/4x1/2M	200
PF5u-S3/4x3/4M	300

Elbow



Part number	pcs/ctn
PF5u-L1/2x1/2	600
PF5u-L3/4x3/4	300
PF5u-L1x1	150
PF5u-S3/4x3/4M	300

Elbow reducer



Part number	pcs/ctn
PF5u-L3/4x1/2	300
PF5u-L1x3/4	100

Tee



Part number	pcs/ctn
PF5u-T1/2x1/2x1/2	400
PF5u-T3/4x3/4x3/4	200
PF5u-T1x1x1	100

Tee reducer



Part number (L/M/R)	pcs/ctn
PF5u-T1/2x3/4x1/2	300
PF5u-T1x1/2x1	150
PF5u-T1x1x3/4	100
PF5u-T1x3/4x1	150
PF5u-T1x3/4x3/4	150
PF5u-T3/4x1/2x1/2	200
PF5u-T3/4x1/2x3/4	200
PF5u-T3/4x1x3/4	150
PF5u-T3/4x3/4x1/2	200

Plug



Part number	pcs/ctn
PF5u-D1/2	2000
PF5u-D3/4	1000
PF5u-D1	500

INSTALLATION

F2159 PPSU Crimp Fittings with Crimp rings



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



Step 2:
Slide crimp ring over end of pipe. Insert fitting into end of pipe until it stops.



Step 3:
Place the crimping end of tool around the crimp ring and press the handles together.

Step 4:
Check for proper crimp with the Go/ No-Go gauge.

F2159 PPSU Crimp Fittings with Stainless Steel Clamp



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



Step 2:
Slip PEX pinch clamp over pipe and insert fitting.



Step 3:
Place PEX pinch clamp nub between tool jaws and ratchet the clamp until the PEX Pinch Clamp Tool auto-releases. This action will assure that the PEX pinch clamp is fully engaged.