

JONES STEPHENS

PEXALGAS® PIPING SYSTEM

PIPING

FITTINGS

TOOLS



PRODUCT CATALOG



JONES STEPHENS | PEXALGAS® PIPE SYSTEM

The PEXALGAS® multilayer system combines the positive features that are typical of crosslinked polyethylene PEX-b and also those of aluminum; crosslinked polyethylene PEX-b offers excellent mechanical, physical and chemical properties and the aluminum pipe strengthens mechanical resistance introducing excellent characteristics of flexibility and malleability, fundamental features for accelerating and simplifying installation operations.

EXTERNAL LAYER

This layer is produced with crosslinked polyethylene PEX-b and acts as a mechanical, electrical and chemical protection for the aluminum layer thus shielding it from blows, scratches and electrochemical attacks by water, cement and other substances in the ground.

INTERMEDIATE LAYER

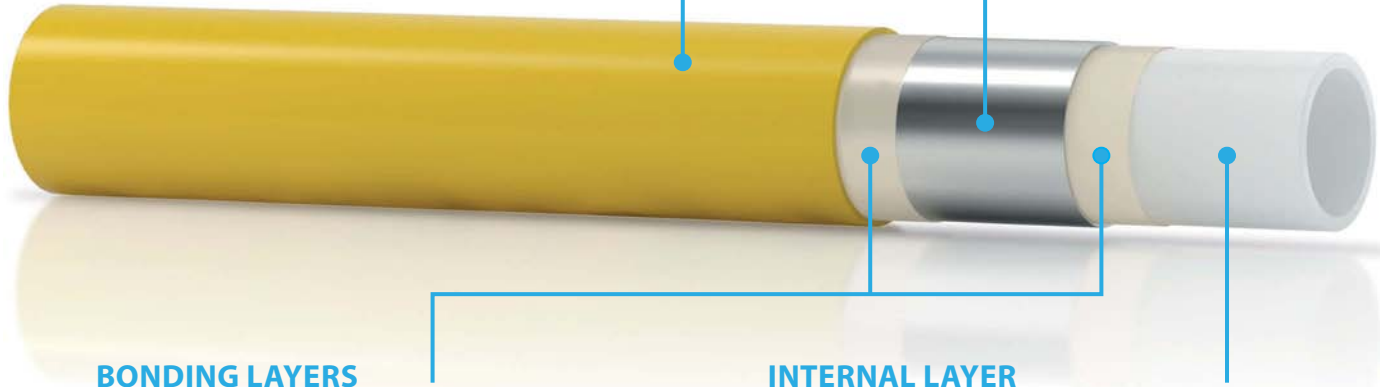
This is made up of a pipe in aluminum alloy that is butt-welded longitudinally and which acts as a barrier to oxygen, gas and light giving the pipe excellent mechanical resistance and flexibility during installation.

BONDING LAYERS

These layers are made up of a powerful adhesive that bonds the intermediate layer in aluminum with the internal and external layers.

INTERNAL LAYER

The internal layer is made up of a crosslinked polyethylene PEX-b pipe characterized by an extremely smooth surface which significantly reduces pressure losses.



The end result is a product that is composed of different layers of material that allows **excellent properties to be reached that otherwise would not be possible with a pipe made of one single material.**

Standards/Approvals:

PEXALGAS® is certified according to the International Fuel & Gas Code, International Residential Code, and Uniform Plumbing Code. It meets UPC, ICC ES PMG, ASTM F1281-2017, and AS 4176.8-2010 Standards. PEXALGAS® is approved as an alternate material under NFPA-54 standards in select jurisdictions.



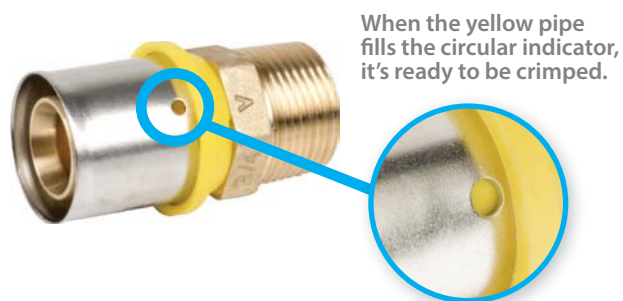
ABOUT PEXALGAS®

- As a result of the unique, proprietary design, flow rates can exceed and outperform that of traditional gas piping methods allowing for up to 60% savings in material.
- The extreme smoothness of the internal surface ensures reduced pressure losses.
- Connection between the crosslinked polyethylene and aluminum offers excellent flexibility during bending and structure permanence in the long term.
- The coiled pipes are up to 50% lighter in material weight as compared to CSST.
- Wide range of pipes from 16 mm - 32 mm (3/8" - 1" closest U.S. equivalent fitting size).
- The range of crimp fittings, accessories and tools is particularly wide and allows all requirements to be satisfied.
- Certified to IFGC, IRC and UPC codes
- Meets ASTM F1281-2017 and AS 4176.8-2010 standards

APPROXIMATELY
50%

**FASTER
INSTALLATION**
THAN CSST

PEXALGAS® is approximately 50% faster to install than CSST and approximately 75% faster to install than black iron pipe.



When the yellow pipe fills the circular indicator, it's ready to be crimped.

FITTINGS DESIGNED WITH VISUAL INDICATOR

The PEXALGAS® fittings leak immediately in the event of incorrect crimping; therefore, in the event of poor crimping, the error can be immediately identified, allowing an easy and safe installation.

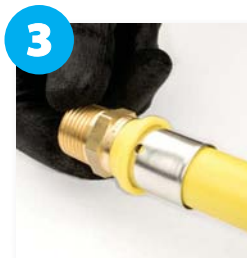
INSTALLATION AS EASY AS...



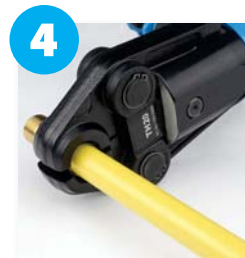
CUT IT.



REAM IT.



PUSH IT.



CRIMP IT.

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Pipe Coils

- Bendable coil that retains shape
- For use with fuel gas (natural gas, LP gas, propane) in residential applications
- Coil is marked every 2 ft. for easy measurements
- EQ = equivalent U.S. size
- Pipe can only be used with PEXALGAS® tools and fittings
- 2 year warranty
- Certified to IFGC, IRC and UPC codes
- Meets ASTM F1281-2017 and AS 4176.8-2010 standards



PART NO.	DESCRIPTION	DIA x WALL	EQ. (DIA) SIZE	CTN/MSTR
PGP16328	16 mm x 328' PEXALGAS® Pipe Coils	16 mm x 2 mm	3/8" eq.	1/1
PGP20328	20 mm x 328' PEXALGAS® Pipe Coils	20 mm x 2 mm	1/2" eq.	1/1
PGP26164	26 mm x 164' PEXALGAS® Pipe Coils	26 mm x 3 mm	3/4" eq.	1/1
PGP32164	32 mm x 164' PEXALGAS® Pipe Coils	32 mm x 3 mm	1" eq.	1/1

Coupling

- Crimp fitting allows for a quick connection and reliable seal
- For use with fuel gas (natural gas, LP gas, propane) in residential applications
- Visual indicator gives installers confidence before crimping fitting onto pipe, making a reliable leak-proof connection
- Brass body with stainless steel sleeve
- Fittings can only be used with PEXALGAS® pipe and tools
- 2 year warranty
- Certified to IFGC, IRC and UPC codes
- Meets ASTM F1281-2017 and AS 4176.8-2010 standards



PART NO.	DESCRIPTION	A	B	EQ. SIZE	CTN/MSTR
PC16	16 mm x 16 mm PEXALGAS® Coupling	16 mm	16 mm	3/8" x 3/8" eq.	10/180
PC20	20 mm x 20 mm PEXALGAS® Coupling	20 mm	20 mm	1/2" x 1/2" eq.	10/140
PC26	26 mm x 26 mm PEXALGAS® Coupling	26 mm	26 mm	3/4" x 3/4" eq.	10/90
PC32	32 mm x 32 mm PEXALGAS® Coupling	32 mm	32 mm	1" x 1" eq.	5/65

Tee

- Crimp fitting allows for a quick connection and reliable seal
- For use with fuel gas (natural gas, LP gas, propane) in residential applications
- Visual indicator gives installers confidence before crimping fitting onto pipe, making a reliable leak-proof connection
- Brass body with stainless steel sleeve
- Fittings can only be used with PEXALGAS® pipe and tools
- 2 year warranty
- Certified to IFGC, IRC and UPC codes
- Meets ASTM F1281-2017 and AS 4176.8-2010 standards



PART NO.	DESCRIPTION	A	B	C	EQ. SIZE	CTN/MSTR
PT16	16 mm x 16 mm x 16 mm PEXALGAS® Tee	16 mm	16 mm	16 mm	3/8" x 3/8" x 3/8" eq.	10/110
PT20	20 mm x 20 mm x 20 mm PEXALGAS® Tee	20 mm	20 mm	20 mm	1/2" x 1/2" x 1/2" eq.	10/80
PT26	26 mm x 26 mm x 26 mm PEXALGAS® Tee	26 mm	26 mm	26 mm	3/4" x 3/4" x 3/4" eq.	10/50
PT32	32 mm x 32 mm x 32 mm PEXALGAS® Tee	32 mm	32 mm	32 mm	1" x 1" x 1" eq.	5/30

Sizing tables and pressure drop charts available on website.

**EQ = closest U.S. equivalent fitting size*

Reducing Tee

- Crimp fitting allows for a quick connection and reliable seal
- For use with fuel gas (natural gas, LP gas, propane) in residential applications
- Visual indicator gives installers confidence before crimping fitting onto pipe, making a reliable leak-proof connection
- Brass body with stainless steel sleeve
- Fittings can only be used with PEXALGAS® pipe and tools
- 2 year warranty
- Certified to IFGC, IRC and UPC codes
- Meets ASTM F1281-2017 and AS 4176.8-2010 standards



PART NO.	DESCRIPTION	A	B	C	EQ. SIZE	CTN/MSTR
PT162016	16 mm x 16 mm x 20 mm PEXALGAS® Reducing Tee	16 mm	16 mm	20 mm	3/8" x 3/8" x 1/2" eq.	10/80
PT201616	20 mm x 16 mm x 16 mm PEXALGAS® Reducing Tee	20 mm	16 mm	16 mm	1/2" x 3/8" x 3/8" eq.	10/90
PT202016	20 mm x 16 mm x 20 mm PEXALGAS® Reducing Tee	20 mm	16 mm	20 mm	1/2" x 3/8" x 1/2" eq.	10/80
PT201620	20 mm x 20 mm x 16 mm PEXALGAS® Reducing Tee	20 mm	20 mm	16 mm	1/2" x 1/2" x 3/8" eq.	10/90
PT202620	20 mm x 20 mm x 26 mm PEXALGAS® Reducing Tee	20 mm	20 mm	26 mm	1/2" x 1/2" x 3/4" eq.	10/50
PT262020	26 mm x 20 mm x 20 mm PEXALGAS® Reducing Tee	26 mm	20 mm	20 mm	3/4" x 1/2" x 1/2" eq.	10/60
PT262620	26 mm x 20 mm x 26 mm PEXALGAS® Reducing Tee	26 mm	20 mm	26 mm	3/4" x 1/2" x 3/4" eq.	10/60
PT261626	26 mm x 26 mm x 16 mm PEXALGAS® Reducing Tee	26 mm	26 mm	16 mm	3/4" x 3/4" x 3/8" eq.	10/60
PT262026	26 mm x 26 mm x 20 mm PEXALGAS® Reducing Tee	26 mm	26 mm	20 mm	3/4" x 3/4" x 1/2" eq.	10/60
PT322626	32 mm x 26 mm x 26 mm PEXALGAS® Reducing Tee	32 mm	26 mm	26 mm	1" x 3/4" x 3/4" eq.	5/40
PT321632	32 mm x 32 mm x 16 mm PEXALGAS® Reducing Tee	32 mm	32 mm	16 mm	1" x 1" x 3/8" eq.	5/45
PT322032	32 mm x 32 mm x 20 mm PEXALGAS® Reducing Tee	32 mm	32 mm	20 mm	1" x 1" x 1/2" eq.	5/40
PT322632	32 mm x 32 mm x 26 mm PEXALGAS® Reducing Tee	32 mm	32 mm	26 mm	1" x 1" x 3/4" eq.	5/40

90° Elbow

- Crimp fitting allows for a quick connection and reliable seal
- For use with fuel gas (natural gas, LP gas, propane) in residential applications
- Visual indicator gives installers confidence before crimping fitting onto pipe, making a reliable leak-proof connection
- Brass body with stainless steel sleeve
- Fittings can only be used with PEXALGAS® pipe and tools
- 2 year warranty
- Certified to IFGC, IRC and UPC codes
- Meets ASTM F1281-2017 and AS 4176.8-2010 standards



PART NO.	DESCRIPTION	A	B	EQ. SIZE	CTN/MSTR
PE916	16 mm 90° PEXALGAS® Elbow	16 mm	16 mm	3/8" eq.	10/150
PE920	20 mm 90° PEXALGAS® Elbow	20 mm	20 mm	1/2" eq.	10/100
PE926	26 mm 90° PEXALGAS® Elbow	26 mm	26 mm	3/4" eq.	10/70
PE932	32 mm 90° PEXALGAS® Elbow	32 mm	32 mm	1" eq.	5/45

Sizing tables and pressure drop charts available on website.

**EQ = closest U.S. equivalent fitting size*

FPT 90° Elbow

- Crimp fitting allows for a quick connection and reliable seal
- For use with fuel gas (natural gas, LP gas, propane) in residential applications
- Visual indicator gives installers confidence before crimping fitting onto pipe, making a reliable leak-proof connection
- Brass body with stainless steel sleeve
- Fittings can only be used with PEXALGAS® pipe and tools
- 2 year warranty
- Certified to IFGC, IRC and UPC codes
- Meets ASTM F1281-2017 and AS 4176.8-2010 standards



PART NO.	DESCRIPTION	A	B	EQ. SIZE (A)	CTN/MSTR
PFPT916D	16 mm x 1/2" FPT PEXALGAS® 90° Elbow	16 mm	1/2" FPT	3/8" eq.	10/130
PFPT920D	20 mm x 1/2" FPT PEXALGAS® 90° Elbow	20 mm	1/2" FPT	1/2" eq.	10/120
PFPT920F	20 mm x 3/4" FPT PEXALGAS® 90° Elbow	20 mm	3/4" FPT	1" eq.	10/100
PFPT926G	26 mm x 1" FPT PEXALGAS® 90° Elbow	26 mm	1" FPT	3/4" eq.	10/60
PFPT926F	26 mm x 3/4" FPT PEXALGAS® 90° Elbow	26 mm	3/4" FPT	3/4" eq.	10/80
PFPT932G	32 mm x 1" FPT PEXALGAS® 90° Elbow	32 mm	1" FPT	1" eq.	5/50

FPT Drop Ear 90° Elbow

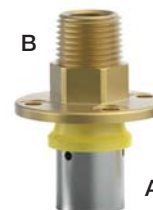
- Crimp fitting allows for a quick connection and reliable seal
- For use with fuel gas (natural gas, LP gas, propane) in residential applications
- Visual indicator gives installers confidence before crimping fitting onto pipe, making a reliable leak-proof connection
- Brass body with stainless steel sleeve
- Fittings can only be used with PEXALGAS® pipe and tools
- 2 year warranty
- Certified to IFGC, IRC and UPC codes
- Meets ASTM F1281-2017 and AS 4176.8-2010 standards



PART NO.	DESCRIPTION	A	B	EQ. SIZE (A)	CTN/MSTR
PDE916D	16 mm x 1/2" FPT PEXALGAS® Drop Ear 90° Elbow	16 mm	1/2" FPT	3/8" eq.	10/80
PDE920D	20 mm x 1/2" FPT PEXALGAS® Drop Ear 90° Elbow	20 mm	1/2" FPT	1/2" eq.	10/80
PDE920F	20 mm x 3/4" FPT PEXALGAS® Drop Ear 90° Elbow	20 mm	3/4" FPT	1/2" eq.	10/60
PDE926F	26 mm x 3/4" FPT PEXALGAS® Drop Ear 90° Elbow	26 mm	3/4" FPT	3/4" eq.	10/60

MPT Termination Flange

- Connects to the wall or floor to allow a threaded connection on one side and a crimp connection on the other side
- For use with fuel gas (natural gas, LP gas, propane) in residential applications
- Brass flange
- Screws not included
- Flange can only be used with PEXALGAS® pipe, fittings and tools 2 year warranty
- Certified to IFGC, IRC and UPC codes
- Meets ASTM F1281-2017 and AS 4176.8-2010 standards



PART NO.	DESCRIPTION	A	B	EQ. SIZE (A)	CTN/MSTR
PFWM16D	16 mm x 1/2" MPT PEXALGAS® Termination Flange	16 mm	1/2" MPT	3/8" eq.	10/50
PFWM20D	20 mm x 1/2" MPT PEXALGAS® Termination Flange	20 mm	1/2" MPT	1/2" eq.	10/50
PFWM20F	20 mm x 3/4" MPT PEXALGAS® Termination Flange	20 mm	3/4" MPT	1/2" eq.	10/40
PFWM26G	26 mm x 1" MPT PEXALGAS® Termination Flange	26 mm	1" MPT	3/4" eq.	5/40
PFWM26F	26 mm x 3/4" MPT PEXALGAS® Termination Flange	26 mm	3/4" MPT	3/4" eq.	5/20
PFWM32G	32 mm x 1" MPT PEXALGAS® Termination Flange	32 mm	1" MPT	1" eq.	5/20

Sizing tables and pressure drop charts available on website.

**EQ = closest U.S. equivalent fitting size*

MPT Adapter

- Crimp fitting allows for a quick connection and reliable seal
- For use with fuel gas (natural gas, LP gas, propane) in residential applications
- Visual indicator gives installers confidence before crimping fitting onto pipe, making a reliable leak-proof connection
- Brass body with stainless steel sleeve
- Fittings can only be used with PEXALGAS® pipe and tools
- 2 year warranty
- Certified to IFGC, IRC and UPC codes
- Meets ASTM F1281-2017 and AS 4176.8-2010 standards



PART NO.	DESCRIPTION	A	B	EQ. SIZE (A)	CTN/MSTR
PMPT16	16 mm x 1/2" MPT PEXALGAS® Adapter	16 mm	1/2" MPT	3/8" eq.	10/180
PMPT20	20 mm x 1/2" MPT PEXALGAS® Adapter	20 mm	1/2" MPT	1/2" eq.	10/160
PMPT26	26 mm x 3/4" MPT PEXALGAS® Adapter	26 mm	3/4" MPT	3/4" eq.	10/100
PMPT32	32 mm x 1" MPT PEXALGAS® Adapter	32 mm	1" MPT	1" eq.	5/65

FPT Adapter

- Crimp fitting allows for a quick connection and reliable seal
- For use with fuel gas (natural gas, LP gas, propane) in residential applications
- Visual indicator gives installers confidence before crimping fitting onto pipe, making a reliable leak-proof connection
- Brass body with stainless steel sleeve
- Fittings can only be used with PEXALGAS® pipe and tools
- 2 year warranty
- Certified to IFGC, IRC and UPC codes
- Meets ASTM F1281-2017 and AS 4176.8-2010 standards



PART NO.	DESCRIPTION	A	B	EQ. SIZE (A)	CTN/MSTR
PFPT16	16 mm x 1/2" FPT PEXALGAS® Adapter	16 mm	1/2" FPT	3/8" eq.	10/150
PFPT20	20 mm x 1/2" FPT PEXALGAS® Adapter	20 mm	1/2" FPT	1/2" eq.	10/140
PFPT26	26 mm x 3/4" FPT PEXALGAS® Adapter	26 mm	3/4" FPT	3/4" eq.	10/90
PFPT32	32 mm x 1" FPT PEXALGAS® Adapter	32 mm	1" FPT	1" eq.	5/60

Manual Pipe Bender

- Create a tight and accurate bend to ensure no pipe collapse
- For use only with PEXALGAS® pipe
- Complete with case, templates and counter-templates
- Pipe bending tool works with all PEXALGAS® pipe sizes
- 1 year warranty



PART NO.	DESCRIPTION	FOR PIPE SIZE(S)	PIPE SIZE	CTN/MSTR
PMPB32	Manual Pipe Bender for PEXALGAS® Pipe	16, 20, 26, 32 mm	3/8", 1/2", 3/4", 1" eq.	1/1

Sizing tables and pressure drop charts available on website.

**EQ = closest U.S. equivalent fitting size*

Internal Spring Bender

- Create a tight and accurate bend to ensure no pipe collapse
- Designed for internal use when a bend is needed near the end of the pipe
- For use only with PEXALGAS® pipe
- 1 year warranty



PART NO.	DESCRIPTION	FOR PIPE SIZE(S)	EQ. PIPE SIZE	CTN/MSTR
PIPB16	Internal Spring Bender for 16 mm PEXALGAS® Pipe	16 mm	3/8" eq.	1/1
PIPB20	Internal Spring Bender for 20 mm PEXALGAS® Pipe	20 mm	1/2" eq.	1/1
PIPB26	Internal Spring Bender for 26 mm PEXALGAS® Pipe	26 mm	3/4" eq.	1/1

External Spring Bender

- Create a tight and accurate bend to ensure no pipe collapse
- Easily slides externally over the pipe to make a bend at any location of the pipe
- For use only with PEXALGAS® pipe
- 1 year warranty



PART NO.	DESCRIPTION	FOR PIPE SIZE(S)	EQ. PIPE SIZE	CTN/MSTR
PEPB16	External Spring Bender for 16 mm PEXALGAS® Pipe	16 mm	3/8" eq.	1/1
PEPB20	External Spring Bender for 20 mm PEXALGAS® Pipe	20 mm	1/2" eq.	1/1

Rotary Pipe Cutter

- For use only with PEXALGAS® pipe
- Rotary pipe cutter works with all PEXALGAS® pipe sizes
- 1 year warranty



PART NO.	DESCRIPTION	FOR PIPE SIZE(S)	EQ. PIPE SIZE	CTN/MSTR
PPC	Pipe Cutter for PEXALGAS® Pipe	16, 20, 26, 32 mm	3/8", 1/2", 3/4", 1" eq.	1/1
PPCRB	Replacement Blade for PEXALGAS® Rotary Pipe Cutter	16, 20, 26, 32 mm	3/8", 1/2", 3/4", 1" eq.	1/5

Shear Pipe Cutter

- For use only with PEXALGAS® pipe
- 1 year warranty



PART NO.	DESCRIPTION	FOR PIPE SIZE(S)	EQ. PIPE SIZE	CTN/MSTR
PSSPC162026	Shear Pipe Cutter for PEXALGAS® Pipe	16, 20, 26 mm	3/8", 1/2", 3/4" eq.	1/1
PSSPCRB	Replacement Blade for PEXALGAS® Shear Pipe Cutter	16, 20, 26 mm	3/8", 1/2", 3/4" eq.	1/1

Sizing tables and pressure drop charts available on website.

**EQ = closest U.S. equivalent fitting size*

Hand Reamer

- Chamfers pipe end and ensures pipe roundness for proper crimp
- For use only with PEXALGAS® pipe
- 1 year warranty



PART NO.	DESCRIPTION	FOR PIPE SIZE(S)	EQ. SIZE	CTN/MSTR
PHR16	Hand Reamer for 16 mm (3/8" eq.) PEXALGAS® Pipe	16 mm	3/8" eq.	1/1
PHR20	Hand Reamer for 20 mm (1/2" eq.) PEXALGAS® Pipe	20 mm	1/2" eq.	1/1
PHR26	Hand Reamer for 26 mm (3/4" eq.) PEXALGAS® Pipe	26 mm	3/4" eq.	1/1
PHR32	Hand Reamer for 32 mm (1" eq.) PEXALGAS® Pipe	32 mm	1" eq.	1/1
PHR162026	Hand Reamer for PEXALGAS® Pipe	16, 20, 26 mm	3/8", 1/2", 3/4" eq.	1/1

Hex Drill Reamer

- Chamfers pipe end and ensures pipe roundness for proper crimp
- For use only with PEXALGAS® pipe
- Use reamer with hex drill
- 1 year warranty



PART NO.	DESCRIPTION	FOR PIPE SIZE(S)	EQ. SIZE	CTN/MSTR
PHDR16	Hex Drill Reamer for 16 mm PEXALGAS® Pipe	16 mm	3/8" eq.	1/1
PHDR20	Hex Drill Reamer for 20 mm PEXALGAS® Pipe	20 mm	1/2" eq.	1/1
PHDR26	Hex Drill Reamer for 26 mm PEXALGAS® Pipe	26 mm	3/4" eq.	1/1
PHDR32	Hex Drill Reamer for 32 mm PEXALGAS® Pipe	32 mm	1" eq.	1/1

Crimping Jaws

- For use only with PEXALGAS® pipe and fittings
- Look for positive visual indicator before crimping the fitting onto pipe
- Use with a standard press tool
- 1 year warranty



PART NO.	DESCRIPTION	FOR SIZE(S)	EQ. SIZE	CTN/MSTR
PCJ16	Crimping Jaws for 16 mm PEXALGAS® Fittings	16 mm	3/8" eq.	1/1
PCJ20	Crimping Jaws for 20 mm PEXALGAS® Fittings	20 mm	1/2" eq.	1/1
PCJ26	Crimping Jaws for 26 mm PEXALGAS® Fittings	26 mm	3/4" eq.	1/1
PCJ32	Crimping Jaws for 32 mm PEXALGAS® Fittings	32 mm	1" eq.	1/1

Manual Crimper

- For use only with PEXALGAS® pipe and fittings
- Look for positive visual indicator before crimping the fitting onto pipe
- Manual crimping tool works with all PEXALGAS® pipe and fitting sizes
- 1 year warranty



PART NO.	DESCRIPTION	FOR SIZE(S)	EQ. SIZE	CTN/MSTR
PMC16202632	Manual Crimper for PEXALGAS® Fittings	16, 20, 26, 32 mm	3/8", 1/2", 3/4", 1" eq.	1/1

Sizing tables and pressure drop charts available on website.

**EQ = closest U.S. equivalent fitting size*

OTHER GAS PRODUCTS FROM JONES STEPHENS

GAS CONNECTORS



GAS BALL VALVES



BLACK PIPE & FITTINGS



BURNER BARS & LOG LIGHTER VALVES



PEXALGAS® system cannot be used with any other gas products.



JONES STEPHENS

PEXALGAS®

Sizing tables, pressure loss charts, installation manuals, and spec sheets for PEXALGAS® are available. Ask your local Jones Stephens representative for more information.

Visit www.jonesstephens.com/pexalgas for more details.

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Technical Resources



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