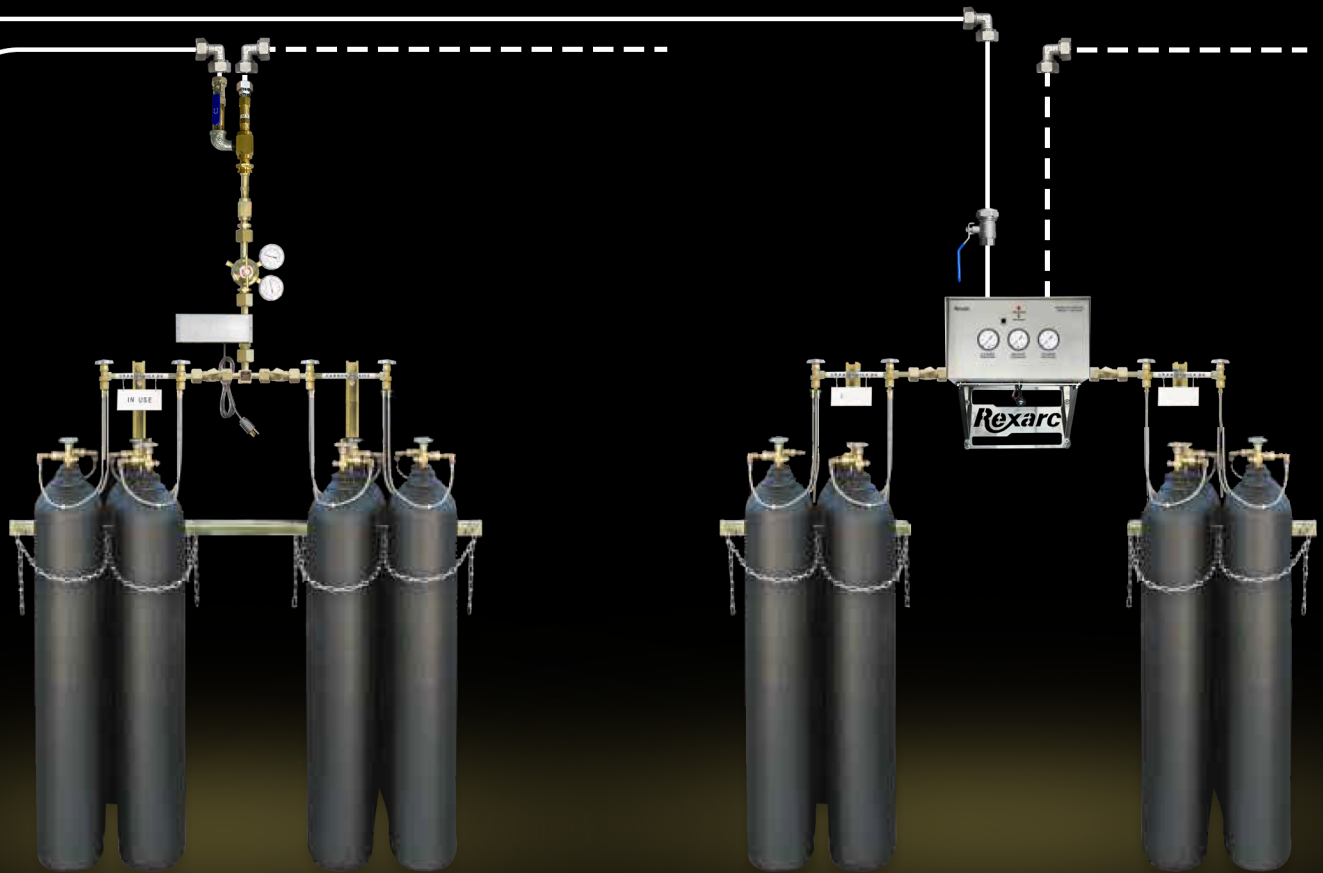
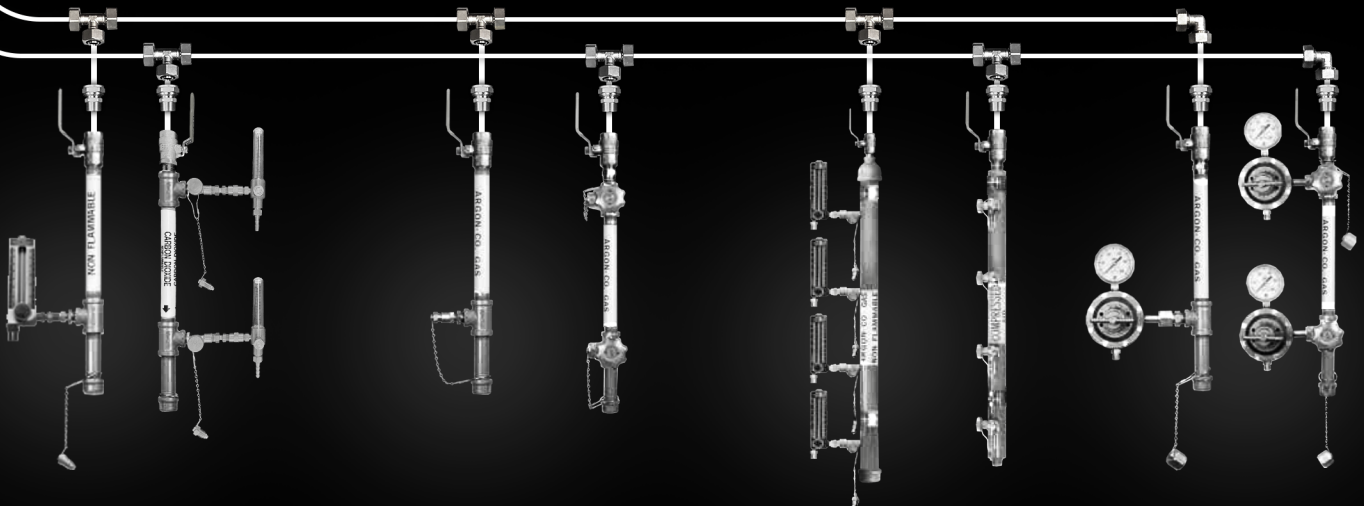




Rexflex

FLEXIBLE PIPING SYSTEMS FOR INERT GASES

• EASILY CUSTOMIZED • USER FRIENDLY • ECONOMICAL •



SYSTEM PLANNING GUIDE

PRODUCT RATINGS

Pipe - ASTM 1282 - MAWP 200 psi @ 73°F, 160 psi @ 140°F

Fittings - MAWP 200 psi

Suitable for Inert Gases, Compressed Air, and Non-Potable Water Only

Verify pipe diameter will meet flow (scfh) requirements.

Check local building codes before purchase.

SYSTEM LAYOUT

Before installing Rexflex piping, create a plan for the piping system. Identify where the inert gas distribution manifold will be located.

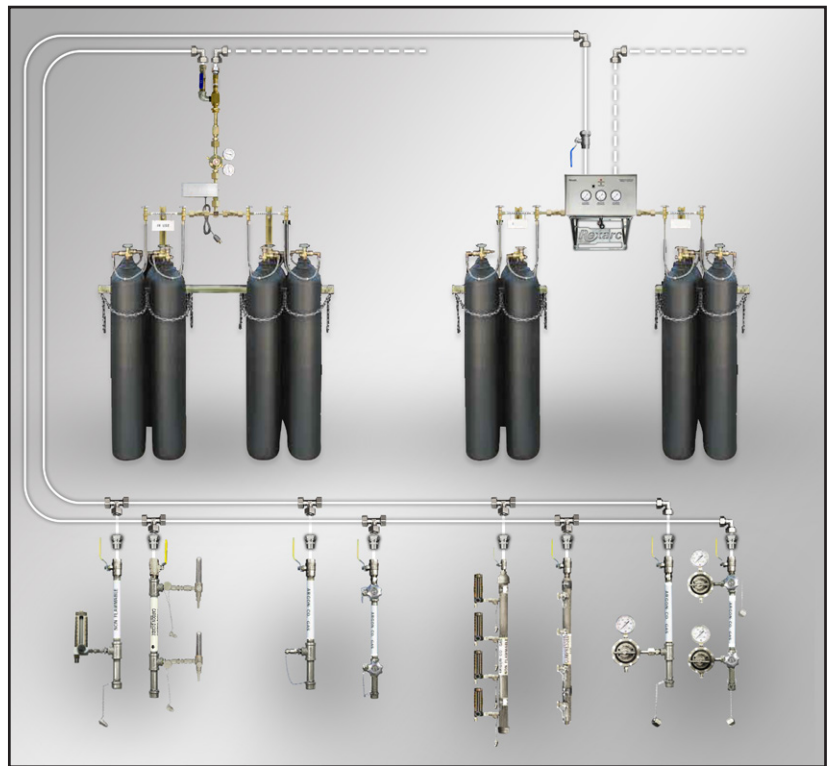
Measure lineal feet up, around, through and down to each point of use.

Note on the plan where elbows, tees, and outlets will be.

Remember to Measure for Pressure Relief/Vent Piping.

BENDING Rexflex PIPE

Rexflex piping can be bent and will hold its shape. Caution should be applied to not cause the pipe to kink. Using the Rexflex pipe bender enables sweeping radius to be created without kinking. For sharp corners, use Rexflex LBOW's.



Rexflex PIPE INSTALLATION

Use Rexflex pipe clips for mounting to enable pipe expansion and contraction with temperature changes. 5' Spacing between clips for 3/4" and 1" Rexflex pipe. Use #8 size anchor suitable for mounting surface. Label Vent and Gas Piping according to Local Code

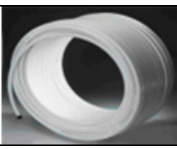


Bury pipe and fittings as needed in soil or under concrete. Complete pressure testing and wrap all underground fittings BEFORE covering.

Rexflex THREADED FITTINGS

To prevent thread gauling - Apply two (2) wraps of pipe tape and then a small amount of pipe sealent.



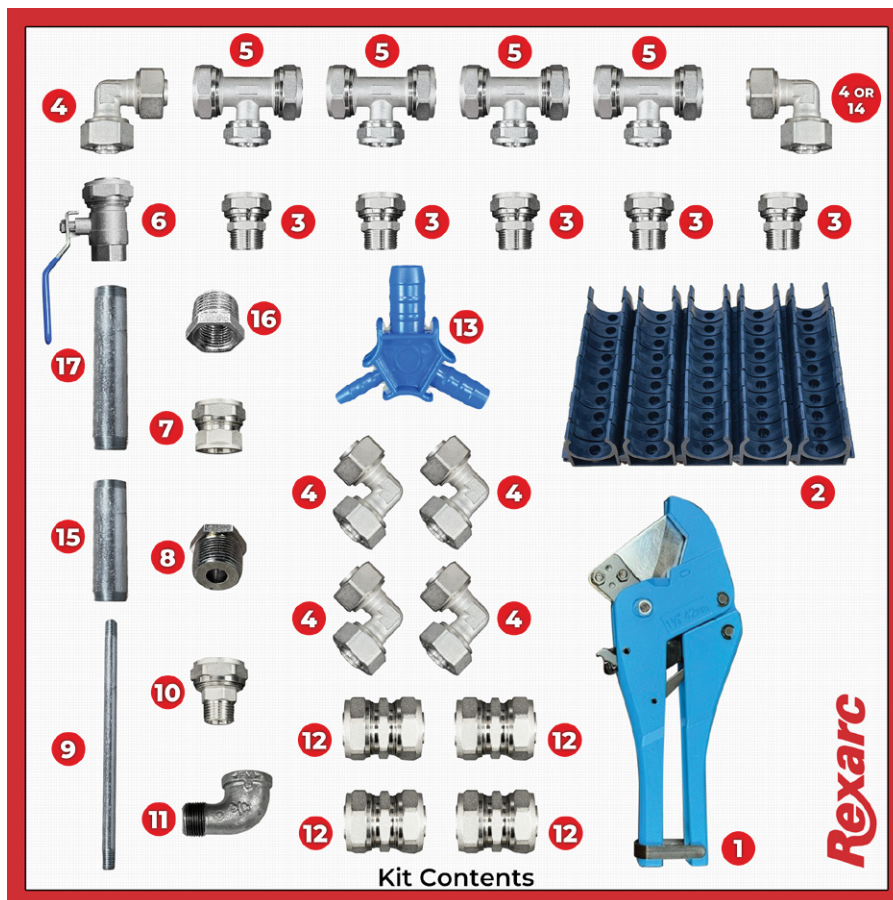
Rexflex PIPE							
M.A.W.P.: 200 psi @ 73°F / 160 psi @ 140°F							
Materials: PE x AL x PE, Glued, ASTM 1282							
	Rexflex PIPE				Rexflex PIPE MOUNTING CLIPS		
	Size(s)	Part Number	Details		Size(s)	Part Number	Details
	3/4"	RFP-INRT-0.75-50	50' Roll, 3/4" Diameter		3/4"	RFF-CLIP-0.75	Pipe Mounting Clip, 3/4"
	1"	RFP-INRT-1.0-100	100' Roll, 1" Diameter		1"	RFF-CLIP-1.0	Pipe Mounting Clip, 1"
	Use in piping system as main and branch supply lines.				#8 wall attaching hardware not provided by Rexarc. Purchased separately according to type of surface(s) of attachment.		

Rexflex Pipe Fittings and Valves - ALL Rexflex							
M.A.W.P.: 200 psi							
Material: 57 Brass Nickle Plated							
	COUPLING: PEX - PEX				TEE: PEX - PEX		
	Size(s)	Part Number	Details		Size(s)	Part Number	Details
	1" Both	RFF-COUP-1.0Px1.0P	1" Pex Only		1" ALL	RFF-TEE-1.0x1.0x1.0	ALL 1" Pex
	3/4" Both	RFF-COUP-0.75Px0.75P	3/4" Pex Only		1"x3/4"x1"	RFF-TEE-1.0x0.75x1.0	Two 1" Pex, One 3/4" Pex
					3/4" ALL	RFF-TEE-0.75x0.75x0.75	ALL 3/4" Pex
	Use in piping system to extend or splice inert gas lines.				Use in piping system for branch and drop lines to station outlets.		
	ELBOW: PEX - PEX				SHUT-OFF VALVE: PEX - PEX		
	Size(s)	Part Number	Details		Size(s)	Part Number	Details
	1" Both	RFF-LBOW-1.0x1.0	1" Pex Only		1" Both	RFF-VALV-1.0Px1.0P	1" Pex Only
	3/4" Both	RFF-LBOW-0.75x0.75	3/4" Pex Only		3/4" Both	RFF-VALV-0.75Px0.75P	3/4" Pex Only
	1" x 3/4"	RFF-LBOW-1.0x0.75	1" Pex, 3/4" Pex"				
	Use in piping system to create clean 90 degree turns.				Use to shut-off main supply line from gas source and to isolate other branch lines throughout the system.		

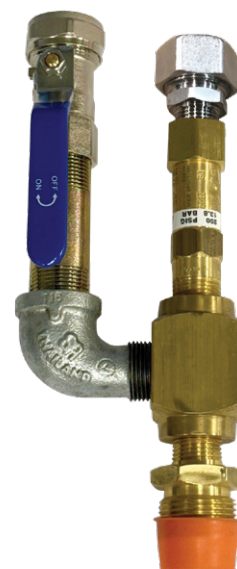
Rexflex Pipe Fittings and Valves - NPT - Rexflex							
M.A.W.P.: 200 psi							
Material: 57 Brass Nickle Plated							
	STRAIGHT: Rexflex - MALE NPT				COUPLING: Rexflex - FEMALE NPT		
	Size(s)	Part Number	Details		Size(s)	Part Number	Details
	3/4" x 1/2"	RFF-MSTR-0.75x0.5NM	1/2" (M) NPT, 3/4" Pex		3/4"	RFF-COUP-0.75Fx0.75P	3/4" (F) NPT, 3/4 Pex
	3/4"	RFF-MSTR-0.75x0.75NM	3/4" (M) NPT, 3/4" Pex				
	3/4" x 1"	RFF-MSTR-0.75x1.0NM	1" (M) NPT, 3/4" Pex				
	Use in piping system to convert Pex to NPT at station outlets.				Use with Rexarc Changeover Control Boxes to convert vent outlet from NPT to Pex.		
	SHUT-OFF VALVE - Rexflex - FEMALE NPT				ELBOW- Rexflex - MALE NPT		
	Size(s)	Part Number	Details		Size(s)	Part Number	Details
	3/4"	RFF-VALV-0.75Px0.75NF	3/4" Pex, 3/4" NPT(F)		3/4"	RFF-LBOW-0.75-MP	3/4" PEX x 3/4" NPT(M)
	1"	RFF-VALV-1.0Px0.75NF	1" Pex, 3/4" NPT(F)		1"	RFF-LBOW-0.75x1.0-MP	1" PEX x 3/4" NPT(M)
	Use in piping system to convert from Pex to NPT for equipment connections.				Use in piping system to convert NPT to Pex.		

Installation Tools for Rexflex Pipe and Fittings							
	Rexflex Pipe Cutter				Rexflex Pipe Straightener		
	Size(s)	Part Number	Details		Size(s)	Part Number	Details
	3/4"	RFT-CUTTER	Hand Ratchet Style Pex Pipe Cutter		3/4"	RFT-PIPESTRAIGHTENER	Suction Mount Pipe Streghtener
	1"						
	Use to cut Pex pipe to custom lengths.						
	Rexflex Pipe Bender				Rexflex Pipe Reamer		
	Size(s)	Part Number	Details		Size(s)	Part Number	Details
	3/4"	RFT-BENDER	Hand Ratchet Style Pex Pipe Bender		3/4"	RFT-REAMER	Handheld Pex Pipe Reamer
	1"						
	Use to create radius bends in place of using an elbow fitting.				Required for proper Pex to pipe fitting installation.		

Rexarc
Control Box
Gas and Vent
Outlet
Connections



Kit Contents



Rexarc
Manual Manifolds
Gas and Vent Outlet

Rexflex PEX Piping System Installation Kit
System Line Size: 3/4" (all)
Part Number: RFK-5 OUTLET-0.75

ITEM	PURPOSE	PART NO.	QTY
1	Rexflex Pipe Cutter	RFT-CUTTER	1
2	Rexflex Pipe Clips	RFF-CLIP-0.75	50
3	Station Outlet Converter - Pex to NPT	RFF-MSTR-0.75x0.75NM	5
4	90° Elbow (Corners)	RFF-LBOW-0.75x0.75	6
5	Tee (Drop Line)	RFF-TEE-0.75x0.75x0.75	4
6	Main Gas Supply Shut-Off Valve	RFF-VALV-0.75Px0.75NF	1
7	Control Box Vent Outlet Coupling	RFF-MSTR-0.75Px0.75P	1
8	Control Box Vent Outlet Bushing	1-34-0002-06-02	1
9	Control Box Vent Outlet Nipple	1-34-0049-02-64	1
10	Manual Manifold Vent Outlet Coupling	RFF-COUP-0.75Fx0.75P	1
11	Manual Manifold Gas Outlet Elbow	1-34-0038-06	1
12	Pipe Extension/Splice Coupling	RFF-COUP-0.75Px0.75P	4
13	Pipe Reamer	RFT-REAMER	1
14	Not Applicable to 3/4" Kit - Included as ITEM 4		
15	Control Box Gas Outlet Nipple	1-34-0049-04-16	1
16	Control Box Gas Outlet Bushing	1-34-0006-06-04	1
17	Manual Manifold Gas Outlet Nipple	1-34-0049-06-32	1

Rexflex PEX Piping System Installation Kit
System Line Size: 1" Main, 3/4" Branch/Drop
Part Number: RFK-5 OUTLET-1

ITEM	PURPOSE	PART NO.	QTY
1	Rexflex Pipe Cutter	RFT-CUTTER	1
2	Rexflex Pipe Clips	RFF-CLIP-1.0	50
3	Station Outlet Converter - Pex to NPT	RFF-MSTR-0.75x0.75NM	5
4	90° Elbow (Corners)	RFF-LBOW-1.0x1.0	5
5	Reducing Tee (Drop Line)	RFF-TEE-1.0x0.75x1.0	4
6	Main Gas Supply Shut-Off Valve	RFF-VALV-1.0Px0.75NF	1
7	Control Box Vent Outlet Coupling	RFF-MSTR-0.75Px0.75P	1
8	Control Box Vent Outlet Bushing	1-34-0002-06-02	1
9	Control Box Vent Outlet Nipple	1-34-0049-02-64	1
10	Manual Manifold Vent Outlet Coupling	RFF-COUP-0.75Fx0.75P	1
11	Manual Manifold Gas Outlet Elbow	1-34-0038-06	1
12	Pipe Extension/Splice Coupling	RFF-COUP-1.0Px1.0P	4
13	Pipe Reamer	RFT-REAMER	1
14	Reducing Elbow (Drop Line)	RFF-LBOW-1.0x0.75	1
15	Control Box Gas Outlet Nipple	1-34-0049-04-16	1
16	Control Box Gas Outlet Bushing	1-34-0006-06-04	1
17	Manual Manifold Gas Outlet Nipple	1-34-0049-06-32	1

FITTING INSTALLATION GUIDE - 3/4" and 1"



CUT Rexflex pipe squarely with Pipe Cutter.



SHAPE the inside of Rexflex pipe. Use reaming tool to prepare pipe for fitting installation by inserting correct size and rotating a minimum of **3 FULL TURNS**.
For 3/4" pipe, use Peg #25
For 1" pipe, use Peg #32



MATE Rexflex pipe and fitting shoulder. Soapy Water helps with this step.



TIGHTEN Rexflex fitting nut to hand tight. Mark fitting and nut.



SEAL Rexflex fitting and pipe. Use wrench to tighten minimum of 3/4 turn, or until tight.

Installation Recommendations

Read all instructions and watch all videos related to Rexflex piping, fittings, and tools before starting. Apply care throughout installation of the piping system. The system will be carrying inert gases up to 200 psi.

Reminders about Product Design and Use

Maximum pressure of Rexflex pipe is 200 psi at 73°F and 160 psi at 140°F.
Maximum pressure of Rexflex fittings are 200 psi.
Rexflex pipe and fittings are not designed for use in corrosive environments.
Don't use any glue with Rexflex piping or fittings.
Rexflex pipe is not designed to take violent impacts.
If Rexflex pipe is mounted in direct sunlight, paint the pipe to prevent UV exposure.

Warnings

VERIFY that all fittings are tightened before the system is pressurized for the first time.
SLOWLY pressurize piping system to 50 psi after initial installation and use soapy water on each fitting to test for leaks. Then increase pressure to working pressure, MAX 200 psi.
Check local building codes before installation.
Rexflex piping systems must have a safety relief valve at the inert gas source to prevent over pressurization. (Relief valve is provided with all Rexarc manifold systems.)
Pressurize system slowly.
Turn off main gas supply when not in use.
Keep untrained personnel and children away from system.



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• EASILY CUSTOMIZED • USER FRIENDLY • ECONOMICAL •



SCAN QR CODE



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FOR USE WITH INERT GASES, INDUSTRIAL AIR, AND NON-POTABLE WATER ONLY

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