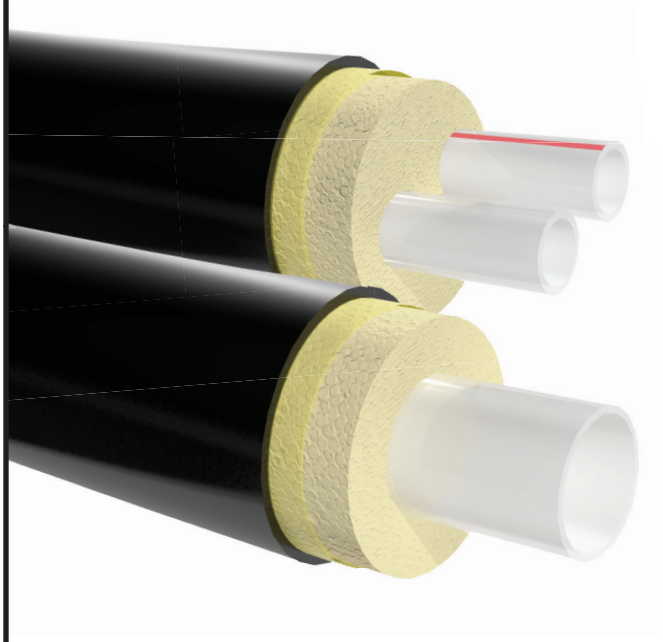
PEX FLEX



PEX-Flex is a pre-insulated pipe system complete with bonded polyurethane foam insulation and smooth polyethylene jacket. It is ideally suited for hydronic heating applications including campus style district energy, snow/ice melt systems and alternative fuel boilers such as outdoor wood furnaces. Supplied in coils and available with core PEX up to 4" single and 1 ½" dual pipe, this seamless pipe system is economical, simple to install and highly effective even in harsh soil conditions.

A Whole Other Layer

All PEX-Flex pipe is equipped with a "smart" membrane between the outer casing and the insulation. This leak proof diffusion barrier prevents (cyclopentane) gas in the foam from escaping through the jacket and being replaced by atmospheric air (which has inferior insulating properties –a process called ageing). Unique to PEX-Flex, this ensures optimum operating performance throughout the entire service life of the pipe.

Best Insulation Material on the Market

PEX-Flex is a seamless, flexible pipe system produced with a closed cell, eco-friendly polyurethane foam – the best insulation material on the market.

Bonded System Outperforms

Jacket, Diffusion Barrier, Insulation and PEX carrier pipe(s) are mechanically linked to one another and move collectively during expansion/contraction. This also isolates a moisture problem to damaged area should the jacket be punctured … water cannot migrate through entire pipe system.

World's Largest Manufacturer

Logstor of Denmark, is the world's largest manufacturer of pre-insulated pipe systems employing over 1300 people in 8 production facilities. Logstor has over 30 years experience of pre-insulating flexible PEX piping.

5 Year Manufacturer's Warranty




URECON PRE-INSULATED PIPE LOGSTOR

1-866-PEX-COIL (739-2645) www.pexflex.net

PEX FLEX

SINGLE PEX-FLEX DIMENSIONS

NOMINAL PIPE SIZE	CARRIER PIPE ID	JACKET PIPE OD	STANDARD/MAXIMUM COIL LENGTHS*	MINIMUM BENDING RADIUS
in *(mm)*	in *(mm)*	in *(mm)*	ft. *(m)*	ft. *(m)*
¾ *(25)*	.784 *(20)*	3.0 *(77)*	328/984 *(100/300)*	2.6 *(0.8)*
1 *(32)*	1.032 *(26.2)*	3.0 *(77)*	328/984 *(100/300)*	2.6 *(0.8)*
1¼ *(40)*	1.28 *(32.6)*	3.5 *(90)*	328/984 *(100/300)*	3.0 *(0.9)*
1½ *(50)*	1.608 *(40.8)*	4.3 *(110)*	328/984 *(100/300)*	3.5 *(1.1)*
2 *(63)*	2.024 *(51.4)*	4.9 *(125)*	328/656 *(100/200)*	4.0 *(1.2)*
2½ *(75)*	2.406 *(61.2)*	5.5 *(140)*	328 *(100)*	4.5 *(1.4)*
3 *(90)*	2.894 *(73.6)*	6.3 *(160)*	328 *(100)*	5.2 *(1.6)*
4 *(110)*	3.544 *(90)*	6.3 *(160)*	328 *(100)*	5.2 *(1.6)*

* Pipe can also be supplied to exact length required. Maximum lengths are special order.
n.b.: All core pipe sizes are metric; metric compression x imperial NPT threaded adaptors are supplied as required.

DUAL PEX-FLEX DIMENSIONS

NOMINAL PIPE SIZE	CARRIER PIPE ID	JACKET PIPE OD	STANDARD/MAXIMUM COIL LENGTHS*	MINIMUM BENDING RADIUS
in *(mm)*	in *(mm)*	in *(mm)*	ft. *(m)*	ft. *(m)*
2 x ¾ *(2 x 25)*	.784 *(20)*	4.3 *(110)*	328/656 *(100/200)*	3.5 *(1.1)*
2 x 1 *(2 x 32)*	1.032 *(26.2)*	4.3 *(110)*	567/1,134 *(173/346)*	3.5 *(1.1)*
2 x 1¼ *(2 x 40)*	1.280 *(32.6)*	4.9 *(125)*	328/656 *(100/200)*	4.0 *(1.2)*
2 x 1 ½ *(2 x 50)*	1.608 *(40.8)*	6.3 *(160)*	328 *(100)*	5.2 *(1.6)*

* Pipe can also be supplied to exact length required. Maximum lengths are special order.
n.b.: All core pipe sizes are metric; metric compression x imperial NPT threaded adaptors are supplied as required.

PEX-FLEX TEMPERATURE AND PRESSURE

PIPE SIZE	MAX. TEMPERATURE	MAX. PRESSURE
in *(mm)*	Fahrenheit *(Celsius)*	P.S.I. *(bar)*
¾ - 4 *(20 - 110)*	203 *(95)**	87 *(6)*

* Refer to detailed PEX-Flex product specification online at www.pexflex.net for temperature and pressure considerations.

PREMIUM PERFORMANCE FOR:

Hydronic Heating | Hydronic Cooling | District Heating & Cooling
Alternative Fuel Boilers – Wood | BioMass | Pellet | Coal
Chemical Feed | Industrial Processes

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