

**PEX-Flex** is a pre-insulated pipe system complete with bonded polyurethane foam insulation and extruded 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 2" 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

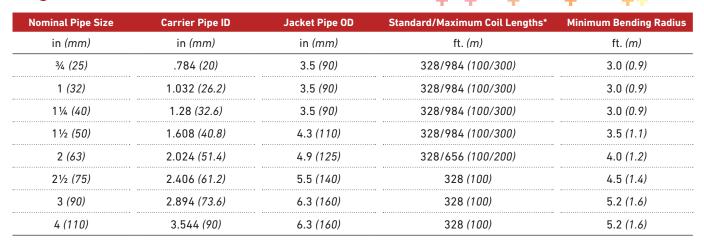
Logstor of Denmark, is the world's largest manufacturer of pre-insulated pipe systems employing over 1300 people in 8 production facilities. Logstor has over 30 years experience of pre-insulating flexible PEX piping.

**5 Year Manufacturer's Warranty** 









<sup>\*</sup> 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 <i>(mm)</i>	in <i>(mm)</i>	ft. (m)	ft. (m)
2 x <sup>3</sup> / <sub>4</sub> (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)

<sup>\*</sup> 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-Flextra Dimensions**

Nominal Pipe Size	Carrier Pipe ID	Jacket Pipe OD	Coil Lengths*	Minimum Bend
in (mm)	in <i>(mm)</i>	in <i>(mm)</i>	ft. (m)	ft. (m)
2 x 1½" (2 x 50)	1.608 (40.8)	6.3 (160)	328 (100)	5.2 (1.6)
2 x 2 (2 x 63)	2.024 (51.4)	7.0 (180)	328 (100)	5.9 (1.8)

<sup>\*</sup> 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 <i>(mm)</i>	Fahrenheit (Celsius)	P.S.I. (bar)	
3/4 - 4 (20 - 110)	203 (95)*	87 (6)	

 $<sup>^*\</sup> Refer to\ detailed\ PEX-Flex\ product\ specification\ online\ at\ www.pexflex.net\ for\ temperature\ and\ pressure\ considerations.$ 

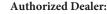
#### **Premium Performance for:**

Hydronic Heating | Hydronic Cooling | District Heating & Cooling

Alternative Fuel Boilers – Wood | BioMass | Pellet | Coal

Chemical Feed | Industrial Processes





Biomass Systems Supply P.O. Box 1835 \* Chico, CA 95927 Toll Free: 877-474-5521

Office: 530-893-2444 www.BiomassSystemsSupply.com



