



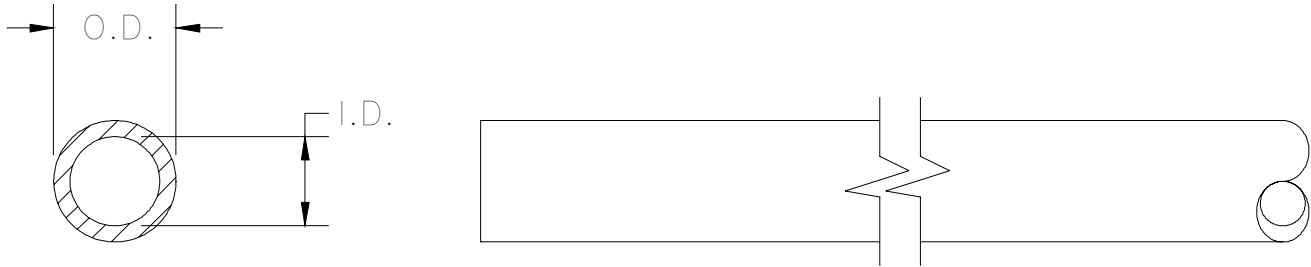
# QHR\_FX

ZURN PEX® PERFORMA® BARRIER PEX TUBING  
AVAILABLE IN DIAMETERS 3/8", 1/2", 5/8", 3/4" and 1"

SPECIFICATION SHEET

TAG \_\_\_\_\_

Dimensional Data (inches and [ mm ]) are Subject to Manufacturing Tolerances and Change Without Notice



Nominal Size (CTS)	Zurn Designation	Available Colors	Average O.D.	Average I.D.	Min. Wall Thickness	Weight per 100 ft [30.5 M]	Average Fluid Capacity gal/ft [L/M]
3/8"	QHR2_FX	Red	1/2 [13]	0.350 [9]	0.070 [1.8]	4.19 lbs [1.9kg]	0.005 [0.06]
1/2"	QHR3_FX	Red	5/8 [16]	0.475 [12]	0.070 [1.8]	5.40 lbs [2.4kg]	0.009 [0.11]
5/8"	QHRJ_FX	Red	3/4 [19]	0.574 [15]	0.083 [2.1]	7.80 lbs [3.5kg]	0.013 [0.16]
3/4"	QHR4_FX	Red	7/8 [22]	0.671 [17]	0.097 [2.5]	10.20 lbs [4.6kg]	0.018 [0.22]
1"	QHR5_FX	Red	1-1/8 [29]	0.862 [22]	0.125 [3.2]	16.62 lbs [7.5]	0.030 [0.37]

### Engineering Specification: Zurn QHR\_FX

Zurn PEX Performa tubing is produced using the silane method of cross-linking. It is used in residential and commercial hydronic heating applications such as radiant floor/wall/ceiling heating, snow and ice melt, turf conditioning, hot water baseboard, water distribution to manifolds, hydronic coils and radiant cooling. Performa tubing has an EVOH oxygen diffusion barrier applied to its exterior, limiting the oxygen permeation through the tubing wall and into hydronic heating applications, that can contribute to the corrosion of ferrous metal parts in the heating system. The EVOH barrier is capable of limiting oxygen diffusion through the tube to no greater than 0.10 g/m<sup>3</sup>/day at 104°F water temperature in accordance with DIN 4726.

### Temperature and Pressure Ratings

- 160 PSI @ 73F [1103 kpa @ 23C]
- 100 PSI @ 180F [689 kpa @ 82C]
- 80 PSI @ 200F [552 kpa @ 93C]

### Listings

- NSF 14 (NSF -rfh marking)
- PMG 1039
- ASTM F876 for performance

### Installation

Please refer to the Radiant Heat Design and Installation Guide (ZPM02101) for additional information. Zurn PEX Performa should not unnecessarily be exposed to or stored in direct sunlight. Zurn PEX Performa should not be subjected to direct flame. Performa may be used with F1807 brass or copper insert and crimp fittings and compression fittings typical of most heating manifolds.

### Warranty

Zurn Pex, Inc offers a limited 30 year warranty on Performa tubing. Please see our Limited Warranty for complete information.

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