



ZurnPEX® hy-PE-RTube™ Barrier Tubing -ZNPA209

New Product Announcement

October 2012

Zurn Pex, Inc. is proud to introduce it's new hy-PE-RTube radiant barrier tubing manufactured using DOWLEX2344 Polyethylene Resin. Zurn's hy-PE-RTube offers the traditional benefits of polyethylene resin along with excellent high temperature resistance. The manufacturing process increases the tubing flexibility, resulting in potential installation benefits and labor savings. hy-PE-RTube is suitable for a full range of radiant installations in residential, commercial, and industrial applications.

The five-layer pipe construction of hy-PE-RTube provides the outstanding long term hydrostatic design strength demanded by hydronic heating applications. The layers consist of a layer of ethylene vinyl alcohol polymer (EVOH) sandwiched between two layers of adhesive and two layers of copolymer resin.

Zurn PEX hy-PE-RTube can be used with Zurn PEX XL brass fittings, the patented QickClamp®, the copper crimp ring, and stainless steel clamp systems. The tubing can also be used with Zurn PEX components such as QickZone® and Accuflow® heating manifolds. hy-PE-RTube is packaged in Zurn's QickCoil™ packaging for ease of use. It can be used with Zurn's tubing pipe dispensers. The hy-PE-RTube offering includes 3/8", 1/2", 5/8" and 1" sizes available in different lengths.



Part Number	UPC Code	Description	List Price(USD)	Availability	Category
QHR2PC500PX	0-84169-11476-1	3/8" x 500' PE-RT Barrier Coil	\$602.44	October 5, 2012	2D
QHR2PC1000PX	0-84169-11477-8	3/8" x 1000' PE-RT Barrier Coil	\$1,204.88	October 5, 2012	2D
QHR3PC300PX	0-84169-11479-2	1/2" x 300' PE-RT Barrier Coil	\$404.62	October 5, 2012	2D
QHR3PC500PX	0-84169-11480-8	1/2" x 500' PE-RT Barrier Coil	\$674.36	October 5, 2012	2D
QHR3PC1000PX	0-84169-11481-5	1/2" x 1000' PE-RT Barrier Coil	\$1,348.72	October 5, 2012	2D
QHR3PS20PX	0-84169-11478-5	1/2" x 20' PE-RT Barrier Straight	\$26.97	October 5, 2012	2D
QHRJPC300PX	0-84169-11482-2	5/8" x 300' PE-RT Barrier Coil	\$499.82	October 5, 2012	2D
QHRJPC500PX	0-84169-11483-9	5/8" x 500' PE-RT Barrier Coil	\$833.04	October 5, 2012	2D
QHRJPC1000PX	0-84169-11484-6	5/8" x 1000' PE-RT Barrier Coil	\$1,666.05	October 5, 2012	2D
QHR4PC100PX	0-84169-11486-0	3/4" x 100' PE-RT Barrier Coil	\$190.41	October 5, 2012	2D
QHR4PC300PX	0-84169-11487-7	3/4" x 300' PE-RT Barrier Coil	\$571.24	October 5, 2012	2D
QHR4PC500PX	0-84169-11488-4	3/4" x 500' PE-RT Barrier Coil	\$952.06	October 5, 2012	2D
QHR4PC1000PX	0-84169-11489-1	3/4" x 1000' PE-RT Barrier Coil	\$1,904.11	October 5, 2012	2D
QHR4PS20PX	0-84169-11485-3	3/4" x 20' PE-RT Barrier Straight	\$38.08	October 5, 2012	2D
QHR5PC300PX	0-84169-11491-4	1" x 300' PE-RT Barrier Coil	\$891.61	October 5, 2012	2D
QHR5PS20PX	0-84169-11490-7	1" x 20' PE-RT Barrier Straight	\$59.45	October 5, 2012	2D

Attachment 1:QHR_PX hy-PE-RTube Specification Sheet

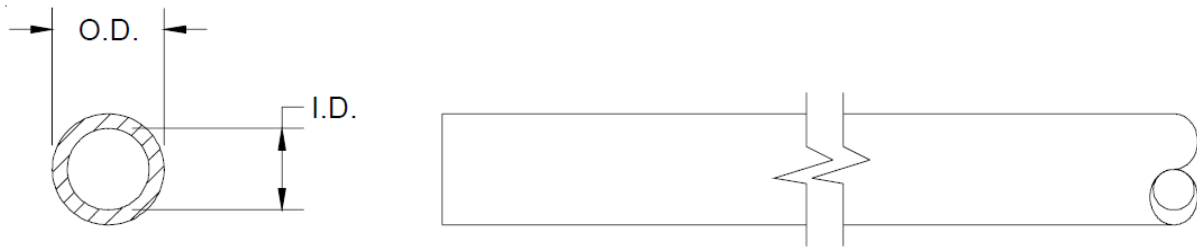


ZurnPEX® hy-PE-RTube™ Barrier Tubing

3/8", 1/2", 5/8" 3/4", and 1" Barrier PE-RT

Specification Sheet
Tag _____

Dimensional Data: Inches and [mm] are subject to manufacturing tolerances and change without notice.



Zurn Designation	Nom. Size (CTS)	Avg. O.D.	Avg. I.D.	Min. Wall	Wt. per 100 ft (lbs.)	Avg. Fluid Cap. Gallons per ft.
QHR2P_PX	3/8"	.500"	.360"	.070"	3.9	0.0053
QHR3P_PX	1/2"	.625"	.485"	.070"	5	0.0096
QHRJP_PX	5/8"	.750"	.584"	.083"	7.1	0.0139
QHR4P_PX	3/4"	.875"	.681"	.097"	9.7	0.0189
QHR5P_PX	1"	1.125"	.875"	.125"	16	0.0312

Engineering Specification

Zurn Pex hy-PE-RTube™ Radiant Barrier tube is produced from Dow's DOWLEX 2344 PE-RT material. It may be used in residential and commercial hydronic heating and cooling projects that are within its pressure / temperature limitations. It has an oxygen barrier layer in the middle of the wall of the tube to reduce the oxygen permeation of the tube to less than the maximum specified in DIN4726

- 200PSI @ 73°F
- 100 PSI @ 180°F

Installation

Please refer to the Zurn PEX hy-PE-RTube installation Instructions for additional information.

Listings

- NSF-rfh
- UM Code
- ASTM F2623
- For the fitting system
 - ASTM F1807

Applications

- Residential, commercial and industrial radiant floor/wall/ceiling heating
- Snow and Ice melt systems
- Soil conditioning in greenhouse/stadium applications
- Hot water baseboard heating distribution systems
- Water distribution piping to radiant manifolds, hydronic coils in air handlers, etc.
- Radiant cooling
- Underground heating fluid distribution

Warranty

Zurn Pex, Inc., offers a 25-year system warranty. Please see our Professional Installation Limited Warranty (ZMKTG370-58) for complete warranty information.