

Submittal Data Sheet



Part #	Description
See below	DuoPex S5 Tubing

Project Information

Job Name:

Location:

Date Submitted:

Engineer:

Submitted by:

Contractor:

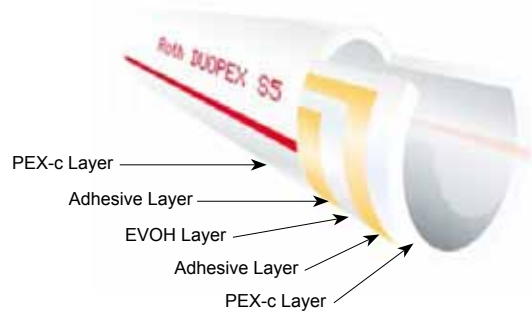
Approved by:

Manufacturer's Representative:

Product Information

Hydronic radiant heating and snow melting systems utilizing water or a water/glycol mix as the heat transfer media.

Supply and return piping for baseboard heating systems with a maximum operating temperature of 180°F.



Product Information

DuoPex S5 is a five layer PEX-c oxygen barrier pipe.

The five-layer pipe consists of an oxygen barrier layer of ethylene vinyl alcohol polymer (EVOH) encapsulated between two layers of PEX-c and two layers of adhesive.

Technical Information

Manufactured and tested according to the following standards:

ASTM F876/F877 - Standard Specification for Cross-linked Polyethylene (PEX) Tubing and Plastic Hot- and Cold- Water Distribution Systems

CSA B137.5 - Crosslinked Polyethylene (PEX) Tubing Systems for Pressure Applications

NSF/ANSI Standard 14 - Plastic Piping System Components and Related Materials - Certified for radiant floor applications. (NSF-rfh)

DIN 4726 - Oxygen Diffusion

PPI TR-3 - Standard Grade Hydrostatic Ratings
160 psi @ 73.4°F, 100 psi @ 180°F
80 psi @ 200°F

Technical Specifications:

Thermal Conductivity (k) - 0.22 Btu/h/ft²/°F/ft.

Linear Expansion - 1.1"/10°F/100ft

Part Numbers

X	Part #	Description	I.D. (O.D.) in.	Fluid Content per 100' (gal.)	Weight per coil
	2342129000	3/8" Coil x 300'	.375 (.500)	0.53	14 lbs
	2342129300	3/8" Coil x 1000'	.375 (.500)	0.53	46 lbs
	2342159000	1/2" Coil x 300'	.485 (.625)	0.96	18 lbs
	2342159100	1/2" Coil x 600'	.485 (.625)	0.96	35 lbs
	2342159300	1/2" Coil x 1000'	.485 (.625)	0.96	57 lbs
	2342159301	1/2" Coil x 2000'	.485 (.625)	0.96	120 lbs
	2342199100	5/8" Coil x 450'	.584 (.750)	1.39	36 lbs
	2342199101	5/8" Coil x 600'	.584 (.750)	1.39	48 lbs
	2342199300	5/8" Coil x 1600'	.584 (.750)	1.39	134 lbs
	2342229000	3/4" Coil x 300'	.681 (.875)	1.89	34 lbs
	2342229100	3/4" Coil x 500'	.681 (.875)	1.89	56 lbs
	2342229300	3/4" Coil x 1000'	.681 (.875)	1.89	115 lbs
	2342289000	1" Coil x 300'	.875 (1.125)	3.12	53 lbs

Approved fitting systems:

May be joined using insert fittings and clamps certified to ASTM F-877, F-1807, F-2159 or F-2098.

Effective Date: April 2012

Contact Information

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