

CALPEX-R

POLYETHYLENE TUBING (PEX-A) TUBING WITH OXYGEN BARRIER

Job Name: _____
 Location: _____
 Engineer: _____
 Contractor: _____
 Sales Rep.: _____

Submitted by: _____
 Approved by: _____
 Order No.: _____
 Notes: _____
 Date: _____
 Date: _____
 Date: _____

DESCRIPTION

Calefactio's Calpex-R tubing, made of cross-linked polyethylene (PEX-A) and certified to PEX 5106, are designed for radiant heating and snow melting. Equipped with an oxygen barrier to protect system components, they meet SDR-9 standards as well as NSF/ANSI 14 and NSF/ANSI/CAN 61 certifications for drinking water. Compatible with propylene and ethylene glycol.

SPECIFICATIONS

Qty	#Model	Diameter	Outer diameter (OD)	Inner diameter (ID)	Length	Volume	Weight	
						gal/100 ft	lb	kg
	CALPEX-R-12-300A	1/2"	0,625"	0,475"	300 ft	0.92 gal	18	8.1
	CALPEX-R-12-1000A	1/2"	0,625"	0,475"	1000 ft	0.92 gal	59	26.8
	CALPEX-R-58-300A	5/8"	0,75"	0,575"	300 ft	1.35 gal	14.5	10.9
	CALPEX-R-58-400A	5/8"	0,75"	0,575"	400 ft	1.35 gal	32	14.5
	CALPEX-R-58-500A	5/8"	0,75"	0,575"	500 ft	1.35 gal	40	18.1
	CALPEX-R-58-1000A	5/8"	0,75"	0,575"	1000 ft	1.35 gal	80	36.3
	CALPEX-R-34-100A	3/4"	0,875"	0,671"	100 ft	1.84 gal	11	5
	CALPEX-R-34-300A	3/4"	0,875"	0,671"	300 ft	1.84 gal	35	15.9
	CALPEX-R-34-400A	3/4"	0,875"	0,671"	400 ft	1.84 gal	44	20
	CALPEX-R-34-500A	3/4"	0,875"	0,671"	500 ft	1.84 gal	55	25
	CALPEX-R-34-1000A	3/4"	0,875"	0,671"	1000 ft	1.84 gal	110	50
	CALPEX-R-1-100A	1"	1,125"	0,862"	100 ft	3.03 gal	17.9	8.1
	CALPEX-R-114-100A	1 1/4"	1,375"	1,054"	100 ft	4.53 gal	25.3	11.5
	CALPEX-R-112-100A	1 1/2"	1,625"	1,244"	100 ft	6.32 gal	35	15.9
	CALPEX-R-2-100A	2"	2,125"	1,629"	100 ft	10.83 gal	60	27.2



STANDARDS AND CERTIFICATIONS

Tested and certified by NSF International
(National Sanitation Foundation)

REFERENCES

CSA B137.5 • NSF/ANSI 14 • NSF/ANSI/CAN 61 • ASTM F876
 ASTM F877 • ASTM E84 • ASTM F2023 • ASTM F1960
 CAN/ULC S102.2

STRAIGHT LENGTH

Qty	#Model	Diameter	Outer diameter (OD)	Inner diameter (ID)	Length	Volume	Weight	
						gal/20 ft	lb	kg
	CALPEX-R-34-20AS	3/4"	0,875"	0,671"	20 ft	0.37 gal	2.5	1.13
	CALPEX-R-1-20AS	1"	1,125"	0,862"	20 ft	0.61 gal	3.5	1.59
	CALPEX-R-114-20AS	1 1/4"	1,375"	1,054"	20 ft	0.91 gal	5.25	2.38
	CALPEX-R-112-20AS	1 1/2"	1,625"	1,244"	20 ft	1.26 gal	7.3	3.3
	CALPEX-R-2-20AS	2"	2,125"	1,629"	20 ft	2.17 gal	11.9	5.4

RATING PRESSURE

160 PSI @ 73,4°F (23°C)
 100 PSI @ 180°F (82°C)
 79 PSI @ 200°F (93°C)

TYPICAL SPECIFICATIONS

Supply and install Calefactio's Calpex-R pipe in accordance with the specifications and plans. The pipe must be equipped with an oxygen barrier and meet SDR-9 dimensional standards. The Calpex-R pipe shall have an outside diameter of _____ in. and a length of _____ ft., model CALPEX-R-_____-A, and be used with Calefactio cold expansion or compression fittings.