

# CALPEX-R (A)

## POLYETHYLENE TUBING (PEX-A) TUBING WITH OXYGEN BARRIER

Job Name: _____	Submitted by: _____	Date: _____
Location: _____	Approved by: _____	Date: _____
Engineer: _____	Order No.: _____	Date: _____
Contractor: _____	Notes: _____	
Sales Rep.: _____		

### DESCRIPTION


CALPEX-R (A) is Calefactio's translucent cross-linked pex pipe. It is designed for use in radiant heating and snow melting systems. They are built with an barrier that limits oxygen diffusion through tubing walls to less than 0.10 m<sup>3</sup>/day at 104°F, thus protecting system components. This tubing meets DIN4276 norm criteria and are conform to SDR-9 dimensions. CALPEX-R (A) is designed to resist a maximal pressure of 160 PSI @ 73.4°F (23°C), 100 PSI @ 180°F (82°C) and 79 PSI @ 200°F (93°C). CALPEX-R (A) can be used in potable systems as it is certified NSF14. The CALPEX-R (A) tubing are compatible with the propylene and ethylene glycol.

### SPECIFICATIONS


Qty	#Model	Size	ID/OD	Lenght	Bend radius	Volume	Weight	
						gal/100 ft	lb	kg
	CALPEX-R-12-300A	½"	0.485/⅝"	300 ft	3¾"	0.92 gal	18	8.1
	CALPEX-R-12-1000A	½"	0.485/⅝"	1000 ft	3¾"	0.92 gal	59	26.8
	CALPEX-R-58-300A	⅝"	0.584/¾"	300 ft	4½"	0.92 gal	14.5	10.9
	CALPEX-R-58-400A	⅝"	0.584/¾"	400 ft	4½"	1.40 gal	32	14.5
	CALPEX-R-58-500A	⅝"	0.584/¾"	500 ft	4½"	1.40 gal	40	18.1
	CALPEX-R-58-1000A	⅝"	0.584/¾"	1000 ft	4½"	1.40 gal	80	36.3
	CALPEX-R-34-100A	¾"	0.681/⅞"	100 ft	5¼"	1.84 gal	11	5
	CALPEX-R-34-300A	¾"	0.681/⅞"	300 ft	5¼"	1.84 gal	35	15.9
	CALPEX-R-34-400A	¾"	0.681/⅞"	400 ft	5¼"	1.84 gal	44	20
	CALPEX-R-34-500A	¾"	0.681/⅞"	500 ft	5¼"	1.84 gal	55	25
	CALPEX-R-34-1000A	¾"	0.681/⅞"	1000 ft	5¼"	1.84 gal	110	50
	CALPEX-R-1-100A	1"	0.862/1⅞"	100 ft	6.75"	0.862 gal	17.9	8.1
	CALPEX-R-114-100A	1¼"	1.054"/1⅞"	100 ft	8.25"	1.125 gal	25.3	11.5
	CALPEX-R-112-100A	1½"	1.244/1⅞"	100 ft	9.75"	1.375 gal	35	15.9
	CALPEX-R-2-100A	2"	1.629/2⅞"	100 ft	12.75"	2.125 gal	60	27.2



**Standards**



ASTM 876/877 B SDR-9  
E84, F1281



C US  
CSA B-125.3 CSA B-137.5  
CSA B-137.10

**NSF-rfh**  
NSF14/61

**PEX5106**  
s102.2

### STRAIGHT LENGTH

Qty	#Model	Size	ID/OD	Lenght	Bend radius	Volume	Weight	
						gal/100 ft	lb	kg
	CALPEX-R-1-20AS	1"	0.862/1⅞"	20 ft	6.75"	0.862 gal	3.5	1.59
	CALPEX-R-114-20AS	1¼"	1.054"/1⅞"	20 ft	8.25"	1.125 gal	5.25	2.38
	CALPEX-R-112-20AS	1½"	1.244/1⅞"	20 ft	9.75"	1.375 gal	7.3	3.3
	CALPEX-R-2-20AS	2"	1.629/2⅞"	20 ft	12.75"	2.125 gal	11.9	5.4

### TYPICAL SPECIFICATIONS

Furnish and install as shown on plans and described as follows CALPEX-R (A) tubing manufactured by Calefactio Solutions Inc. The tubing must be built with an oxygen barrier and meet SDR-9 dimension standards. CALPEX-R (A) tubing must have an outside diameter of \_\_\_\_\_ in and a lenght of \_\_\_\_\_ ft, model CALPEX-R \_\_\_\_\_ - \_\_\_\_\_ A and be used with Calefactio Solutions Inc. compression fittings.