

# CALPEX-R

## 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

Calefactio Calpex-R tubing are made of cross-linked polyethylene (PEX-A). They are designed for radiant heating systems and snow melting. They have an anti-oxygen barrier which limits the diffusion of oxygen in the system, thus protecting its components. In addition to meeting market standards, they also comply with the SDR-9 dimension standard. They can be used for potable water as it's certified NSF14/61. Calpex-R tubing are compatible with propylene and ethylene glycol.

### SPECIFICATIONS

| Qty | #Model            | Outside diameter | ID/OD         | Lenght  | Volume     | Weight |      |
|-----|-------------------|------------------|---------------|---------|------------|--------|------|
|     |                   |                  |               |         | gal/100 ft | lb     | kg   |
|     | CALPEX-R-12-300A  | ½"               | 0.485/5/8"    | 300 ft  | 0.92 gal   | 18     | 8.1  |
|     | CALPEX-R-12-500A  | ½"               | 0.485/5/8"    | 500 pi  | 0.92 gal   | 30     | 13.4 |
|     | CALPEX-R-12-1000A | ½"               | 0.485/5/8"    | 1000 ft | 0.92 gal   | 59     | 26.8 |
|     | CALPEX-R-58-300A  | 5/8"             | 0.584/3/4"    | 300 ft  | 1.40 gal   | 14.5   | 10.9 |
|     | CALPEX-R-58-400A  | 5/8"             | 0.584/3/4"    | 400 ft  | 1.40 gal   | 32     | 14.5 |
|     | CALPEX-R-58-500A  | 5/8"             | 0.584/3/4"    | 500 ft  | 1.40 gal   | 40     | 18.1 |
|     | CALPEX-R-58-1000A | 5/8"             | 0.584/3/4"    | 1000 ft | 1.40 gal   | 80     | 36.3 |
|     | CALPEX-R-34-100A  | ¾"               | 0.681/7/8"    | 100 ft  | 1.84 gal   | 11     | 5    |
|     | CALPEX-R-34-300A  | ¾"               | 0.681/7/8"    | 300 ft  | 1.84 gal   | 35     | 15.9 |
|     | CALPEX-R-34-400A  | ¾"               | 0.681/7/8"    | 400 ft  | 1.84 gal   | 44     | 20   |
|     | CALPEX-R-34-500A  | ¾"               | 0.681/7/8"    | 500 ft  | 1.84 gal   | 55     | 25   |
|     | CALPEX-R-34-1000A | ¾"               | 0.681/7/8"    | 1000 ft | 1.84 gal   | 110    | 50   |
|     | CALPEX-R-1-100A   | 1"               | 0.862/1 1/8"  | 100 ft  | 0.862 gal  | 17.9   | 8.1  |
|     | CALPEX-R-114-100A | 1 1/4"           | 1.054"/1 3/8" | 100 ft  | 1.125 gal  | 25.3   | 11.5 |
|     | CALPEX-R-112-100A | 1 1/2"           | 1.244/1 5/8"  | 100 ft  | 1.375 gal  | 35     | 15.9 |
|     | CALPEX-R-2-100A   | 2"               | 1.629/2 1/8"  | 100 ft  | 2.125 gal  | 60     | 27.2 |



#### STANDARDS

ASTM F876 · ASTM F2023 · ASTM F877 · CSA B137.5  
ULC S102.2 · ASTM E84 · DIN 4726 · PEX5106 · NSF14/61

#### LISTING

cNSFus-rfh · CSA · ICC-ES · Intertek

### STRAIGHT LENGTH

| Qty | #Model            | Outside diameter | ID/OD         | Lenght | Volume     | Weight |      |
|-----|-------------------|------------------|---------------|--------|------------|--------|------|
|     |                   |                  |               |        | gal/100 ft | lb     | kg   |
|     | CALPEX-R-1-20AS   | 1"               | 0.862/1 1/8"  | 20 ft  | 0.862 gal  | 3.5    | 1.59 |
|     | CALPEX-R-114-20AS | 1 1/4"           | 1.054"/1 3/8" | 20 ft  | 1.125 gal  | 5.25   | 2.38 |
|     | CALPEX-R-112-20AS | 1 1/2"           | 1.244/1 5/8"  | 20 ft  | 1.375 gal  | 7.3    | 3.3  |
|     | CALPEX-R-2-20AS   | 2"               | 1.629/2 1/8"  | 20 ft  | 2.125 gal  | 11.9   | 5.4  |

#### MAXIMAL PRESSURE

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

### TYPICAL SPECIFICATIONS

Furnish and install Calefactio Calpex-R tubing, as specified on the plans. The tubing must be equipped with an anti-oxygen barrier and meet SDR-9 dimension standards. Calpex-R tubing must have an external diameter of \_\_\_\_\_ in and a lenght of \_\_\_\_\_ ft, model CALPEX-R \_\_\_\_\_ - \_\_\_\_\_ A and be used with Calefactio fittings and rings.

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