



This picture is for presentation purposes only, it does not represent actual product.

## Description

DEKORON<sup>®</sup>/Unitherm<sup>™</sup> Series 2200 pre-insulated tubing is a thermally insulated transportation line suitable for steam, gas or liquid transport.

The energy-efficient design provides for nominal jacket surface temperature of 140°F (60°C) or lower at 90°F (32°C) ambient and wind speeds of 5mph, while transporting 450°F (232°C) saturated steam. Higher temperature designs for applications of up to 1000°F (537.8°C) are available in product Series 2210.

### Features:

- Compact Design
- Low heat loss
- Low-maintenance
- Employee protection
- Easy to install
- Light, durable, easy to handle
- Consistent thermal characteristics

### Applications:

- Steam supply lines
- Condensate return lines
- Gas transport lines
- Liquid transport lines
- Analyzer and instrument lines
- Small diameter process lines
- Impulse lines – D/P cells

## Construction

1. (1) 1/2" O.D. x .035" Wall Type B68/B75 #122 DHP Seamless Copper Tube
2. Non Wicking Inorganic Fibrous Glass Thermal Insulation
3. 105°C Black FR-DSJM (Flame Retardant Ultra Flexible PVC) Jacket

\*\*\* 100' Length Packaged in Box with Kit Containing (2) Seal-Tight End Boot Kits & (1) 3 oz RTV End Sealant Tube \*\*\*

DEKORON UNITHERM, LLC

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Item: 2200-41A35-BX




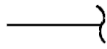

Revision: 20181016SP

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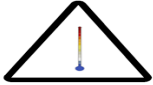

Page: 1 OF 2

# Pre-Insulated Product Catalog

Item Number : 2200-41A35-BX

MECHANICAL SPECIFICATIONS					
	Nominal OD Inches    Millimeter	Min. Bending Radius Inches    Centimeter	Working Pressure <sup>1</sup> PSI        Barg	Max. Continuous Length Foot       Meter	Weight Lbs/FT    Kgs/Me
	1.17      29.7	7        17.8	440      30	100      30	40.00    59.51

<sup>1</sup> Working Pressure based on the MTR of this item in relation to the tables ASME B31.1-2001 and ASME B31.3-2001.

TEMPERATURE SPECIFICATIONS			Heat Loss Multipliers			
	Max Temp. Rating <sup>1</sup> : °F        °C	Minimum Install. Temp <sup>2</sup> : °F        °C	2200	2200	2200	2200
	400      204	-31      -35	1/4"	3/8"	1/2"	3/4"
			1.0	1.3	1.5	1.9

<sup>1</sup> Maximum Temperature Rating indicates the maximum temperature that the core of the bundle can withstand at the high ambient temperature of 80°F(26°C). Temperatures in excess of this rating may result in deterioration of the components. It does not represent maintenance temperature or rating of components distant from the core.

<sup>2</sup> Minimum Installation Temperature relates to the brittleness of this item's jacket material, during installation.

	Low	High
PVC	-36°F/-38°C	221°F/105°C
DSJM	-50°F/-45°C	221°F/105°C
TPU	-45°F/-43°C	212°F/100°C
TPE	-50°F/-45°C	257°F/125°C
PE	-76°F/-60°C	158°F/70°C

## Recommended Accessories



Unicut<sup>™</sup> Bundle Jacket Cutter

End Sealant

End-Boots

Seal Patch Kits

Cable Entry Seals

Bundle Bender

## Assigned accessories to item:

\*BOOT-1 \*SEAL 1.60 \*1540-10000 / 1540-20000 \*1535-02120

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Page: 2 OF 2