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Description

DEKORON®/Unitherm™ 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 316/316L ASTM A269 Seamless Stainless Steel Tube
2. Non Wicking Inorganic Fibrous Glass Thermal Insulation
3. 105°C Black FR-LTPVC (Flame Retardant Low Temperature Polyvinyl Chloride) Jacket

MECHANICAL SPECIFICATIONS					
	Nominal OD	Min. Bending Radius	Working Pressure ¹	Max. Continuous Length	Weight
	Inches Millimeter	Inches Centimeter	PSI Barg	Foot Meter	Lbs/FT Kgs/Me
	1.25 31.8	7.5 19.1	2300 159	1000 305	0.50 0.74

¹ 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 ¹ :	Minimum Install. Temp ² :	2200	2200	2200	2200
	°F °C	°F °C	1/4"	3/8"	1/2"	3/4"
	450 232	-25 -32	1.0	1.3	1.5	1.9

¹ 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.

² 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™ 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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