

# Pre-Insulated Pipe Series BPE 6200

DEKORON®  
**Unitherm™**  
Tubing Bundle Experts Since 1962

## Pre-Insulated Pipe and Tubing Series BPE 6200 Aerogel

aspen aerogels™

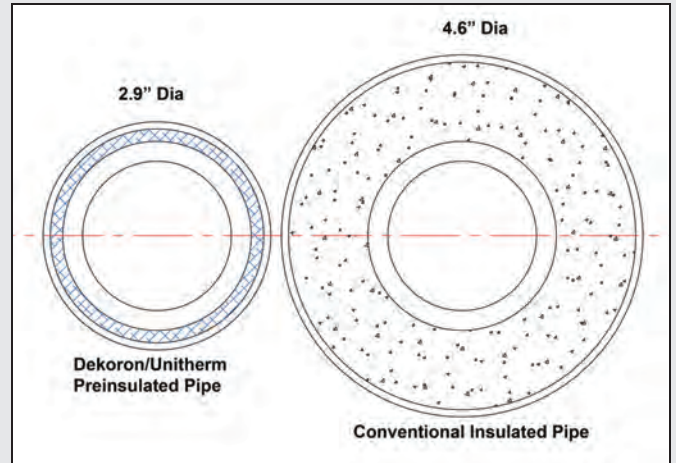
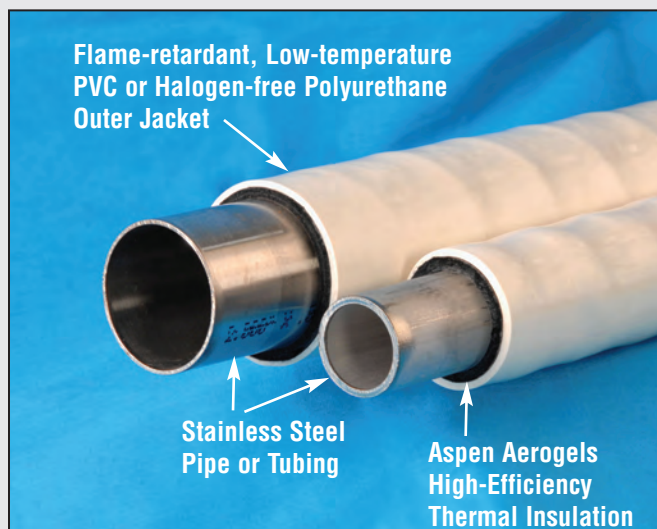
DEKORON®/Unitherm™, the inventor of pre-insulated tubing products for industry, along with our development partner Aspen Aerogels, now introduces a new line of pre-insulated pipe and tubing designed for the food and pharmaceutical industries. Until now, small diameter (up to 2" IPS) process and supply lines have been insulated using pre-formed insulating halves that were lagged together and covered with a plastic jacket. This labor-intensive method of insulation has resulted in gaps in the insulation, openings in the jacket and other deficiencies that degrade the efficient operation of the system and lead to higher operating costs.

Series BPE6200 pre-insulated pipe and tubing provides pipe, insulation and outer jacket pre-assembled in one unit for faster, more efficient installation. The smooth, continuous outer jacket reduces the chance for contaminant buildup as well as the chance that the insulation will be damaged by wash-downs and sterilization procedures.

### Each line is comprised of the following elements:

- Standard or Electropolished T316L Stainless Steel Process Pipe or Bright Annealed or Electropolished T316L Stainless Steel Tubing
- Aspen Aerogels high performance, low-chloride, hydrophobic thermal insulation
- Continuous, weather protective, lead-free, low-temperature white flame retardant PVC or halogen free, low-temperature white polyurethane outer jacket.
- Product conforms to ASME BPE-2007 Standard

The energy-efficient design provides for normal jacket surface temperatures of 140°F (60°C) or lower at 80°F (26°C) ambient conditions, while transporting 400°F (204°C) saturated steam.



### Additional features and benefits of this product are:

- Compact design, up to 50% smaller than traditional insulated pipe
- Low heat loss - 1/3 the heat loss of other insulation materials
- Hydrophobic insulation - water will not pass through, and is repelled by the insulation
- Consistent thermal properties
- Zero maintenance
- Pre-engineered
- Continuous outer jacket - no gaps to allow wash-down fluids to damage insulation and no seams to trap contaminants
- Easy to install
- Lower installed cost - up to 50% less than traditional methods
- Better pipe fill in pipe chases; more efficient use of space
- Insulation not damaged by point loading or short-term compression

### Applications for this product:

- Hot and chilled water lines
- Clean steam lines
- Product transport lines
- Process steam lines
- Condensate return lines

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1531 Commerce Creek Boulevard • Cape Coral, Florida 33909  
Call Toll Free (800) 633-5015 • Telephone (239) 995-8111 • Fax (239) 995-8027

[www.unithermcc.com](http://www.unithermcc.com)

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## Product Specifications

3/8" through 2" OD Bright Annealed and Electropolished Seamless T316L Stainless Steel Tubing to ASTM A-213/213M, ASTM A-269/269M and ASTM A-270  
 1/2" - 2" IPS Schedule 5S through 80S Standard and Electropolished T316L Stainless Steel Pipe to ASTM A-312/312M  
 3mm single layer or 6mm dual layer insulation standard  
 Extruded white UV resistant outer jacket  
 Pipe Ends blank for welded fittings or threaded (some sizes and schedules cannot be threaded)  
 Tubing sized for compression-type or socket welded tube fittings  
 Stainless steel tubing available in long coils

## Pre-Insulated Pipe Accessories

| Pre-Insulated Pipe Accessories     | Product Number |
|------------------------------------|----------------|
| Sealing Patch Kit                  |                |
| 8" x 8" Self-Sealing Patch         | 1540-1B000     |
| 8" x 8' Self Sealing Roll          | 1540-2B000     |
| Insulated Union Covers             | 1586-2Bxxx     |
| Insulated 45° and 90° Elbow Covers | 1586-3Bxxx     |
| Insulated Flange Covers            | 1586-4Bxxx     |

For assistance in ordering this product, please contact your Dekoron/Unitherm representative.

