



VACUDUCT®

VACUUM-FORMED CERAMIC FIBER INSULATION

Vacuduct® is Danser, Inc.'s patented, high-temperature vacuum-formed ceramic fiber insulation, which is available in industry-leading sizes and thicknesses. Danser uses only first-quality, high-purity virgin bulk fiber from trusted names like Unifrax and Thermal Ceramics.

Standard formulas are:

- 2300° F with a max continuous use limit of 2150° F, physical property data available upon request
- 2600° F with a max continuous use limit of 2350° F, physical property data available upon request

VACUDUCT® SHAPES

Cylinders

- Vacuum-formed ceramic fiber insulation tubes/sleeves from 1" ID to 60" ID and thicknesses up to 10" (depending on fiber blend and ID size). Standard Vacuduct® sleeves are 60" long and may be:
 - Machined, smooth outside finish
 - Bark outside finish
 - Dried inside metal duct or piping

Boards

- Vacuum-formed ceramic fiber boards 50" x 50" and up to 12" thick. Vacuum-formed boards may be:
 - Machined to tight tolerances
 - Cut into various segments or shapes

Custom Shapes

- Danser can produce square or round insulated duct, observation ports, plugs and radial tube bungs.

Typical Applications:

- Exhaust Stacks
- Afterburners
- Waste Heat Recovery Systems
- High-temperature Ductwork
- Coffee Roasters
- Riser Tubes
- Burner Insulation



Catalyst activator system with 2300° F Vacuduct® and ceramic fiber blanket insulation system, 68" ID x 100" OD x 36' tall.

STANDARD RISER TUBES

Standard Riser Tubes available with machine finish and bark finish.
Additional sizes available. All sleeves available in up to 60" L.

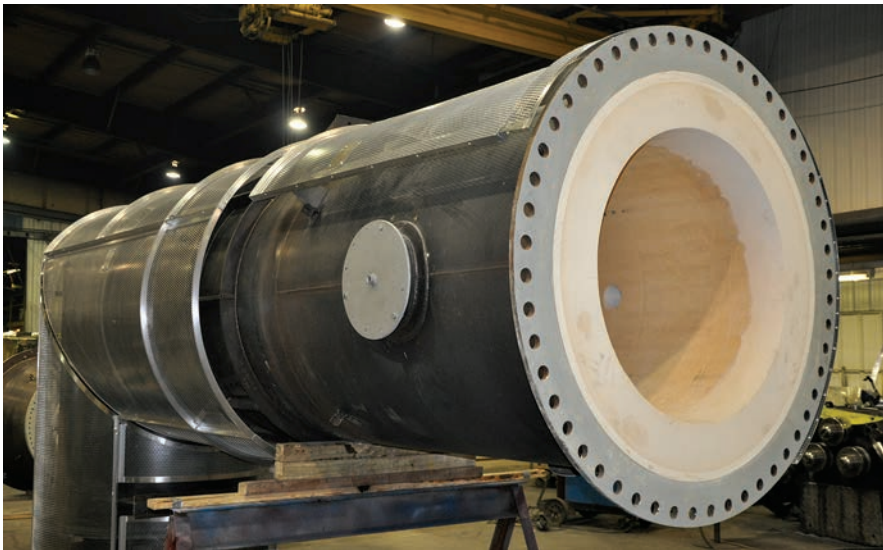
8" ID x 9" OD x 36" L	20" ID x 22" OD x 36" L
10" ID x 11" OD x 36" L	24" ID x 26" OD x 36" L
10" ID x 12" OD x 36" L	26" ID x 28" OD x 36" L
12" ID x 13" OD x 36" L	27" ID x 30" OD x 36" L
14" ID x 16" OD x 36" L	28" ID x 30" OD x 36" L
16" ID x 18" OD x 36" L	30" ID x 32" OD x 36" L



48" ID x 56" OD x 60" L carbon steel 2300° F Vacuct® section.



Vertical afterburner body with 2300° F Vacuct® insulation, 36" ID x 52" OD x 176" L with 14-gauge 304 SS shell.



Flue gas system with 2300° F Vacuct® insulation, 36" ID x 48" OD carbon steel duct with SS expanded metal protective shield.




2300° F & 2600° F riser tubes 3"–60" ID and up to 60" tall.

WHY DANSER?

- Outstanding Safety Record
- Over 80 years of experience
- Flexibility without sacrificing safety or quality
- Broad capabilities for fabrication, installation and service

DANSER, INC.

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