

# CERAMIC INSULATION SYSTEMS, INC

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## Retrofit & New Insulation

**Ceramcloth** is the ideal insulating material for both retrofit and new insulation. It is a new self-applied, removable-reusable insulating wrap for pipes (including heat tracing), valves and flanges or almost any equipment. This space-age ceramic coating, **waterproof & resistant to both high and low pH attack**, reflects 95-98% of radiant heat and 90-93% for conductive heat for outstanding insulation values (R=18e), yet it is only 1/8" thick and flexible enough to wrap snugly around a pipe, pipes with heat tracing, flange or other equipment.

### Reduce your in-house insulation to a one-step process and:

- \* **Reduce insulation inventory – eliminate multiple types of insulation.**
- \* **Reduce jacketing inventory – eliminate multiple types of jacketing.**
- \* **Reduce labor time.**

Using **Ceramcloth** makes in-house insulation easy and straightforward. All you have to stock is **Ceramcloth** and fasteners. No need to have an inventory of multiple kinds of insulation for cold, hot, indoor, outdoor, etc. and no more jacketing required.

Your insulators can pre-cut or take **Ceramcloth** and fasteners to the work site, cut **Ceramcloth** to fit, wrap it around the pipe and fasten it. Any excess **Ceramcloth** can be used for other applications.

**Ceramcloth** is excellent for wet areas, high corrosion (salt, etc) and below ambient piping. It is waterproof and resists both high & low pH chemicals.

Fasteners can be whatever you choose. Most commonly used are plastic ties or metal banding. On below ambient applications we strongly recommend the edges be sealed with a silicone caulk to prevent moisture intrusion at the joints. It can also be attached to tanks or other equipment with weld (tack) pins.

**Ceramcloth** sheets come in standard 10' L X 56" W (nom.) sheets that can be cut to fit any pipe or other equipment with scissors or a razor knife. Other sizes are available by special order.

Your in-house insulators can cut **Ceramcloth** to make 45's, 90's assembled with ties or straps. Ceramcloth cannot be folded & sewn to make elbows. We can also supply you with conventional soft removable/reusable covers for this application. Ceramcloth flange covers are available.

40 mil sheets – good to 160° F  
80 sheets – good to 260° F  
HT – good for over to 260° to 600° F

**Suitable for use from –10° F to 500° F+.**

**For uses below ambient we recommend use of the 80-mil cloth.**

Patent pending

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