

# 3000°F THERMAL INSULATION

## Thermal Stop Insulation - Wrap-It Moldable Sheets

### Thermal Stop Super Efficient 2300°F Insulation

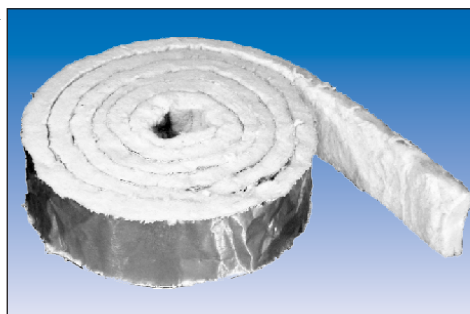
**375 Thermal Stop** is high purity, aluminum oxide based, ceramic fibers uniquely bonded to a 2 mil thick layer of aluminum foil.

The ceramic fibers have a melting point of 3200°F and will provide up to 2300°F continuous service.

These resilient Ceramic Fiber Strips are used for pipe duct wrap, expansion joints, and repairs, insulation of equipment, plastic molds, pilot plant, lab units, etc.

Use Resbond™ 901A (page 50) for rigidizing where required.

Use band clamps or type 600 (pg 40) high temperature tape to secure pipe wraps.



#### Insulation Guide - 375 FT Thermal Stop Tape

Hot Surface Temperature	1000°F	1400°F	1600°F	1800°F	2200°F
375FT 1/2" thick will reduce temp to	300°F	390°F	450°F	520°F	700°F
375FT 1" thick will reduce temp to	220°F	300°F	380°F	420°F	500°F

Cat. No. Thickness Size/Roll

375FT-2.....1/2"..... 2" x 12'

375FT-3.....1/2"..... 3" x 12'

375FT-4.....1/2"..... 6" x 12'

375FT-1.....1/2"..... 24" x 12'

Cat. No. Thickness Size/Roll

375FT-5.....1"..... 2" x 8'

375FT-6.....1"..... 3" x 8'

375FT-7.....1"..... 24" x 12'

### Wrap-It Moldable Sheets

Wrap-It Moldable sheets combine Cotronics' high purity, refractory fibers with proprietary, inorganic binders in a new and economical wet felt form.

Wrap-It is cut to shape, molded and dried to form a light weight, resilient, highly efficient, thermal insulation that is also resistant to most chemicals and solvents.

Just air dry to form strong free standing shapes.

Wrap-It will not crack or flake, has excellent thermal shock resistance and is not wet by molten metals.

Wrap-It moldable sheets are ideal for molten metal handling, thermal insulation, fire proofing, burner chambers, field repair, welding supports, fixtures and molten metal dams.



Shaping Insulation Covers

**Applications Include:** insulation, furnace linings, mufflers, gas turbines, fans, ovens, chemical reactors, expansion joint packing, fire protection, sound absorption, stress relieving insulation, non-contaminating brazing and sintering separators.

Wrap-It can be bonded with 7020 - Thermeez Ceramic Putty or 901 - Resbond Fiber Based Ceramic Adhesive (see page 51).

WRAP-IT	372	372HT	372UHT
Temp. Rating °F	2300	2700	3000
Melting Point °F	3200	3300	3600
Mixed Density (lb. / Ft <sup>3</sup> )	18	18	12
Al <sub>2</sub> O <sub>3</sub> %	35	65	98
SiO <sub>2</sub> %	65	35	2
Shrinkage (%)			
after 24 hrs. @ 1300°F	0.2	0.1	0.1
after 24 hrs. @ 2200°F	2	0.7	0.5
Thermal Cond. (BTU-in./ Hr. Ft <sup>2</sup> °F)			
@ 1000°F	0.7	0.6	0.5
@ 1500°F	0.9	0.8	0.5

Cat. No. Temp. Thickness Size/Roll

372-0..... 2300°F.....1/8"..... 2' x 12.5'

372-1..... 2300°F.....1/4"..... 2' x 12.5'

372-2..... 2300°F.....1/2"..... 2' x 12.5'

372-3..... 2300°F.....1"..... 2' x 8'

372HT-3..... 2700°F.....1/2"..... 2' x 6'

372UHT-2... 3000°F.....1/2"..... 2' x 2'