

TREO™



1800°F / 1000°C Needled Blanket



The Safer Alternative

typical applications

- ▲ furnace linings
- ▲ thermal insulation
- ▲ acoustic insulation
- ▲ fire protection
- ▲ heat shields
- ▲ turbine wrap



TREO is the latest in-organic, high temperature, needled blanket alternative to ceramic fiber from TRITEX. With an 1800°F / 1000°C maximum temperature rating, this bio soluble, vitreous silicate fiber mat can give you the thermal performance you require, without the health and safety concerns that come with other high temp insulations. Along with its excellent thermal capabilities, its improved handling will enhance your fabrication and installation procedures which can help lower overall labor costs.

chemical analysis

silicon oxide	42%
aluminum oxide	14%
calcium oxide	15%
magnesium oxide	7.5%
ferrous oxide	0.1%
manganese oxide	10%
other	3.4%

physical properties

color	off white
available thickness	1/4" to 1"
standard widths*	24" / 48" / 60"
densities	8 to 10 p/cf
*other widths available up to 10'	

values & benefits

- ▲ bio-soluble fiber
- ▲ easy to fabricate
- ▲ low shot content
- ▲ won't form Crystobalites

health and safety

Vitreous silicate fiber has been tested for its biosolubility and IARC Class 3 rated. Please see the Material Safety Data Sheet for specific information concerning handling this material. A copy of the TREO MSDS is available at www.tritexllc.com.

Typical Industries Served

- ▲ Aluminum - primary / secondary
- ▲ Power Generation
- ▲ Appliance
- ▲ Fire Protection
- ▲ Foundries
- ▲ Petrochemical
- ▲ Marine
- ▲ Automotive
- ▲ Ceramic Industry



packaging info

PRODUCT CODE	THICK.	WIDTH	LNPTH	SQFT/ROLL	BOX SIZE
TRE-130-41	1/4"	24"	100ft	200	25x18x18
TRE-130-42	1/4"	48"	100ft	400	49x18x18
TRE-130-43	1/4"	60"	100ft	600	61x18x18
TRE-130-21	1/2"	24"	50ft	100	25x18x18
TRE-130-22	1/2"	48"	50ft	200	49x18x18
TRE-130-23	1/2"	60"	50ft	300	61x18x18
TRE-130-11	1"	24"	25ft	50	25x18x18
TRE-130-12	1"	48"	25ft	100	49x18x18
TRE-130-13	1"	60"	25ft	125	61x18x18

Note: 24" product = 16 boxes / skid 48"/60" product = 8 boxes/skid

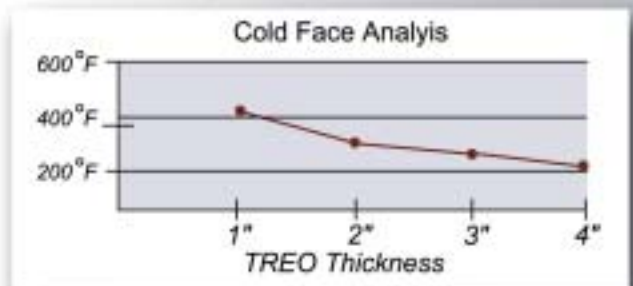


Distributed By:

thermal conductivity

TEMPERATURE	(btu-in / (hr-ft ² -F))
500°F	0.417
1000°F	0.922
1500°F	1.69
1800°F	2.27

thermal properties



*These values are based upon a 1600° F hotface temperature. These values are for estimation purposes only.