

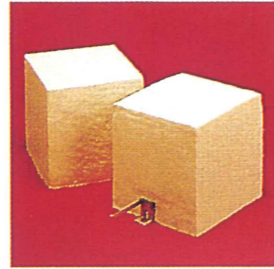
Blanket



1500Ace Blanket



Bulk

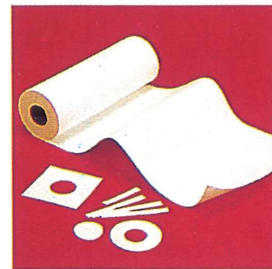


Uniblok



Saber Bloc

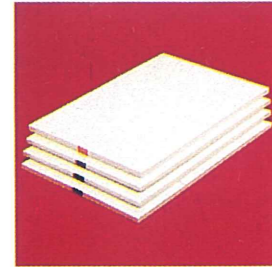
Unifelt & Kaostick



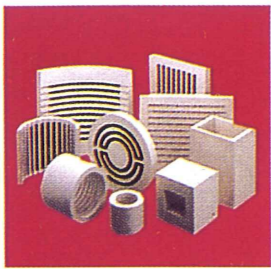
Paper



Board



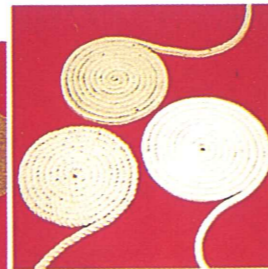
Cone & Sleeve



Panel Heater



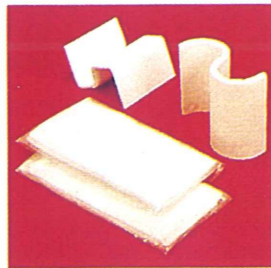
Cloth



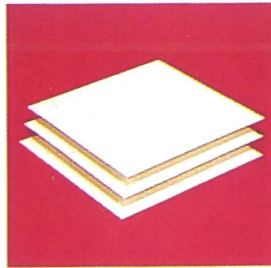
Rope



Vacuum Formed Shapes



Wet Felt



Millboard

ISOLITE® ISOWOOL CERAMIC FIBER

ISOWOOL is a ceramic fiber made from the purest of raw materials, which are electromelted, air-blown at high speed and fiberized. Light in weight and soft to the touch, ISOWOOL possesses excellent refractory and insulating properties.

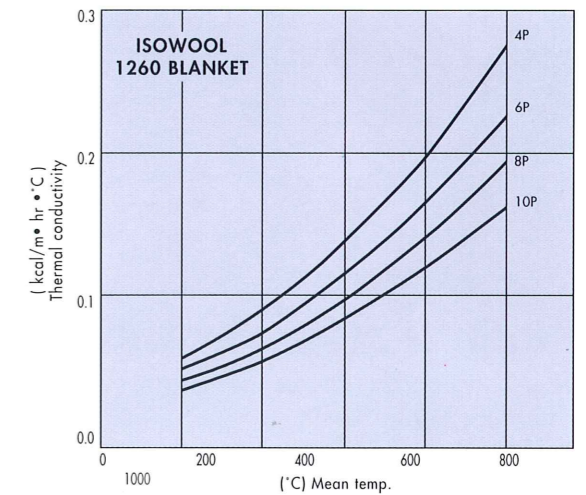
It sees extensive application in such key industries as steel, nonferrous, petrochemical and ceramic. Not only that, but it finds wide use also for seals, for fillers, for filters and as reinforcing fiber of various composites.

GENERAL PROPERTIES

	ISOWOOL 1260	ISOWOOL 1400	ISOWOOL 1500	
Classification temperature(°C) (°F)	1260 2300	1400 2600	1500 2800	
Melting point (°C)	1760	1700	1760	
Fiber diameter (µm)	2.8	2.8	2.6	
Fiber Length (mm)	~ 250	~ 250	~ 150	
Specific gravity	2.6	2.8	2.65	
Chemical analysis (%)	Al ₂ O ₃	47.1	35.0	40.0
	Si O ₂	52.3	49.7	58.1
	Cr ₂ O ₃	—	—	1.8
	Zr O ₂	—	15.0	—

* patented products

THERMAL CONDUCTIVITY



ISOWOOL - RELATED PRODUCTS

Products	Classification temperature	Remarks	Catalog
TRIPLE - T	1260 ~ 1600 °C (2300 ~ 3000 °F)	900x600x6, 12.5, 25mm (space filler, expands on heating)	KT - 10
TEX - 10	1000 °C (1900 °F)	Silica fiber textiles (cloth, tapes, sleeves)	Leaflet
TEX - 14	1400 °C (2600 °F)	3M (USA) NEXTEL textile products (cloth, tapes, sleeves)	Bulletin - 194
SAFFIL	1600 °C (3000 °F)	ICI (UK) alumina fiber products (bulk, LDM, paper)	Leaflet
KAOSTICK	1400 °C (2600 °F)	Inorganic cement, 25kgs / tin ...for Unifelt veneering	Bulletin - G03E
NEOKOTE	1000 ~ 1450 °C (1900 ~ 2650 °F)	Unifelt surface coating material, 20kgs / paper bag	Bulletin - G03E
RIGIDIZER	1200 °C (2200 °F)	Rigidizer for ceramic fiber, 5 kgs & 20kgs / metal can	Bulletin - 186

