

# HEAT CARRY™

FOR MATERIAL TEMPERATURES  
UP TO **450°C**

**BANDO**

**ULTRA HIGH HEAT AND ABRASION  
RESISTANT CONVEYOR BELTS**

— S I N C E 1 9 0 6 —

Bando's ultra high heat and abrasion resistant conveyor belt lineup, is specifically designed and compounded to yield exceptionally long service life. Heat Carry™ conveyor belts are used in applications where extreme material temperatures (up to 450°C) are expected and wear resistant product is a must.

## Applications

- Cement plants (clinker, cement products, dry clay, etc.)
- Steel mills (sintered ore, coke, pellets, slag, etc.)
- Foundries
- Taconite

## Features

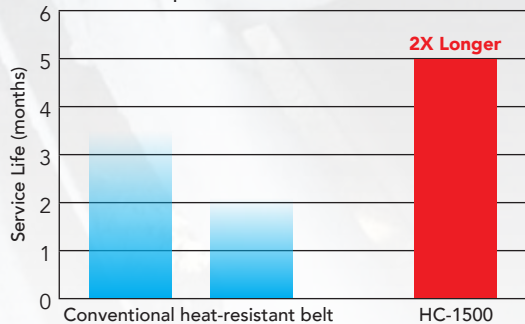
1. Superior resistance to heat and abrasion
2. Molded edged belts manufactured to width
3. Dependable vulcanized splices

## Performance

1. Handles material temperatures up to 450°C
2. Superior adhesion between the cover rubber and core body when exposed to heat
3. Lasts up to 50% longer than conventional heat resistant belt

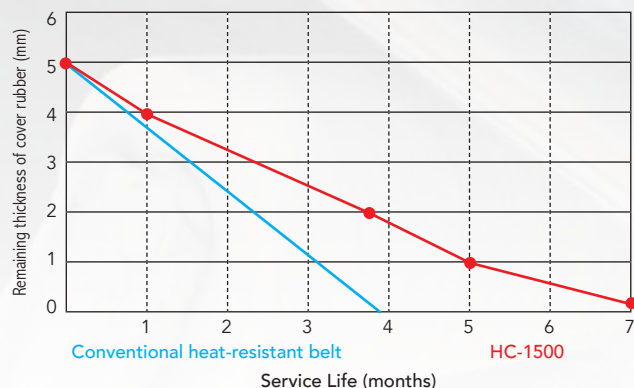
### Crack Life Evaluation

Service life comparison on a foundry sand conveyor line.  
(Belt surface temperature 200°C max.)



### Wear Evaluation

Remaining cover rubber thickness on a sintered ore conveyor line.



# Less Down Time = Lower Cost/Ton

In a field test, Bando Heat Carry™, outlasted a competitor by 4 months.

- Reduced the amount of belt changes from 12 down to 3
- Yearly cost savings is substantial



BELT TYPE	FEATURES	MATERIAL TEMPERATURE	ALLOWABLE BELT SURFACE TEMP	MAJOR APPLICATIONS
HC-770	Superior wear and heat-aging resistance Abrasion resistance (Top cover): 100mm3	Powder: Up to 180°C Bulk: Up to 450°C	Up to 180°C	Clinker Coke Dried clay Dried Lime Sintered Ore Products Taconite
HC-1500	Premium wear and heat-aging resistance Service life twice as long as conventional heat belts	Powder: Up to 200°C Bulk: Up to 450°C	Up to 200°C	Clinker Coke Sintered Steel Pellets Taconite
HC-730	White belt used for lines averse to contamination of product	Powder: Up to 120°C Bulk: Up to 300°C	Up to 120°C	Soda Ash Fertilizers Raw Materials White Cement

**WORLD-WIDE MANUFACTURING • WORLD CLASS QUALITY**

**Bando Chemical Industries, Ltd.  
produced the first conveyor belts  
made in Japan.**

**Bando has been a pioneer in conveyor belt  
production, and has developed facilities and  
technologies, which have contributed to conveyor  
belt production in Japan at world-class levels.**

**Our efforts are now directed at  
environmental-friendly production and  
technological development, along with systems  
rationalization and labor savings to offer  
environment-friendly and safe products.**

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**Customer Service: 800-829-6612 | [serviceexpress@bandousa.com](mailto:serviceexpress@bandousa.com) | [www.BandoUSA.com](http://www.BandoUSA.com) BUI 1065C**