

# 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

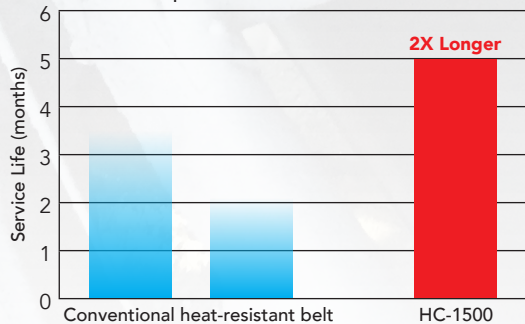
1. **Superior resistance to heat and abrasion**
2. **Molded edged belts manufactured to width**
3. **Dependable vulcanized splices**

## 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**

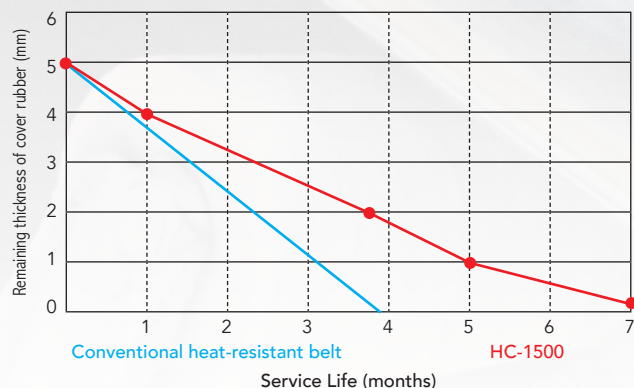
### Crack Life Evaluation

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.

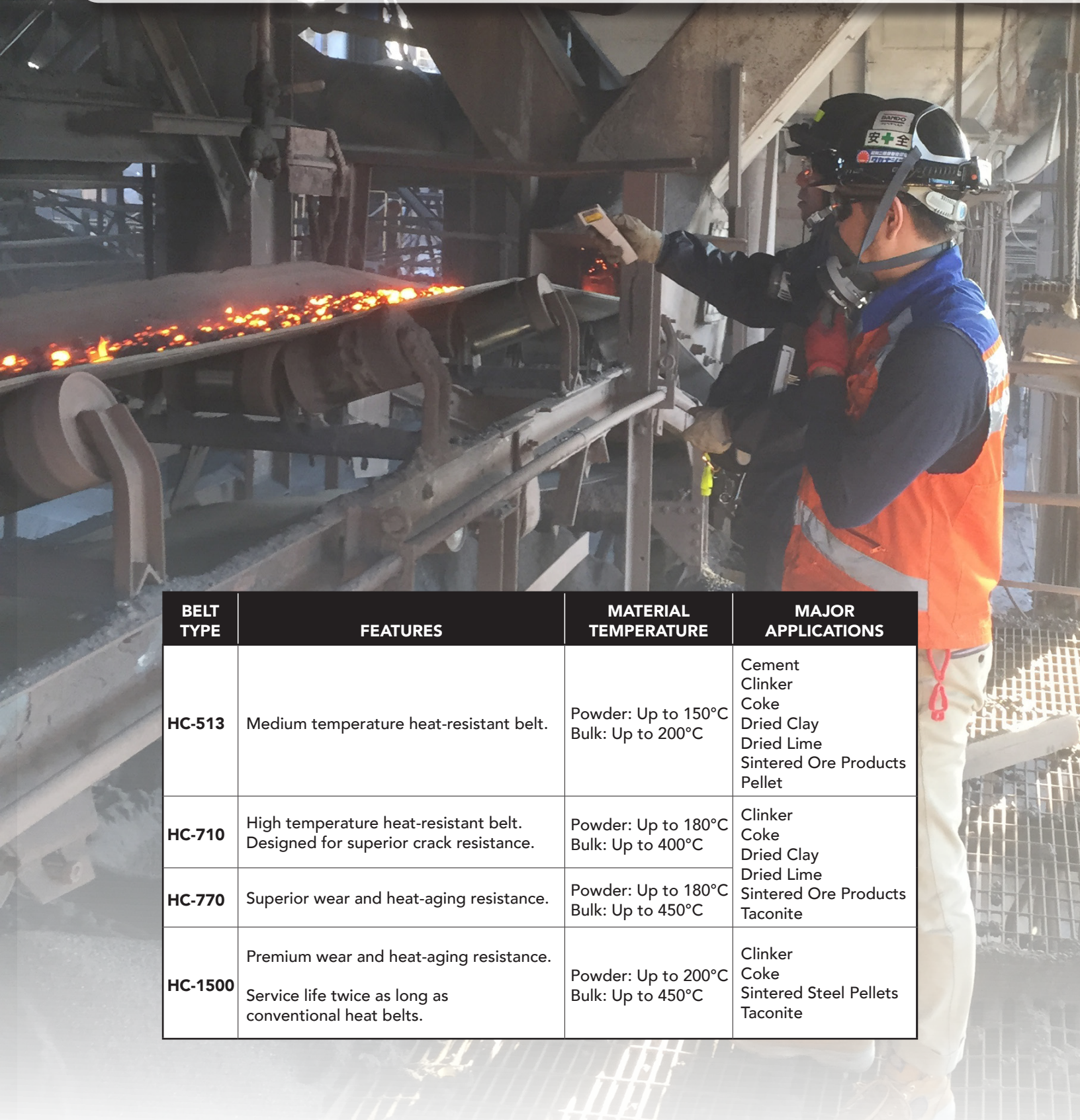




# Less Down Time = Lower Cost/Ton

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

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



BELT TYPE	FEATURES	MATERIAL TEMPERATURE	MAJOR APPLICATIONS
HC-513	Medium temperature heat-resistant belt.	Powder: Up to 150°C Bulk: Up to 200°C	Cement Clinker Coke Dried Clay Dried Lime Sintered Ore Products Pellet
HC-710	High temperature heat-resistant belt. Designed for superior crack resistance.	Powder: Up to 180°C Bulk: Up to 400°C	Clinker Coke Dried Clay Dried Lime
HC-770	Superior wear and heat-aging resistance.	Powder: Up to 180°C Bulk: Up to 450°C	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	Clinker Coke Sintered Steel Pellets Taconite



**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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