



**Continental**  
The Future in Motion

Conveyor Belt Group



## **ContiClean® non-stick belt**

### STOP MESSING AROUND

Keeping material from sticking to belts is vital to keeping your operation profitable. Continental ContiClean® is your non-stick solution. Offering superior material release for everything from coal to iron ore, ContiClean® helps increase your productivity while reducing operation costs.

[www.continental-industry.com](http://www.continental-industry.com)

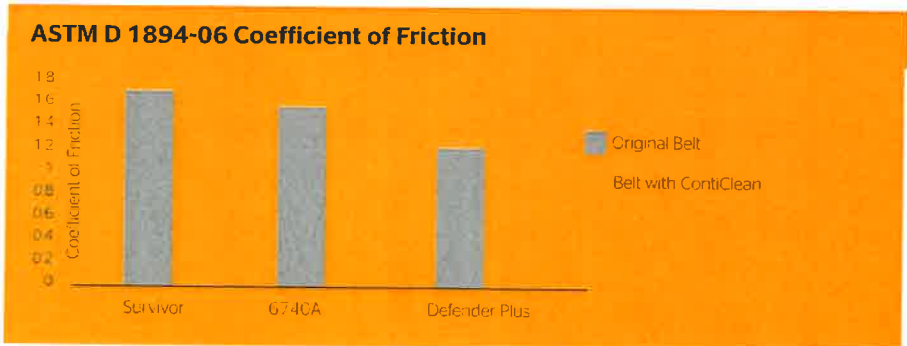
# Continental ContiClean®



ContiClean® is now available in our Defender Plus®, 6740A, Survivor® and FR-2G compounds. We are also working to expand ContiClean® into additional compounds.

## ASTM D 1894-06 Coefficient of Friction

- › Measurement of frictional properties
- › The ratio of the force required to move one surface over another
- › Coefficient of Friction is one measure of non-stick capability



## Benefits:

- › Reduced Buildup on Idlers
- › Improved Housekeeping
- › Increased Material Transfer
- › Improved Scraper Life
- › Increased Belt Life
- › Increased Profitability

## Industries:

- › Aggregate
- › Bulk Handling Terminal
- › Cement
- › Coal
- › Foundry
- › Limestone
- › Mining
- › Power Generation
- › Prep Plants
- › Sand & Gravel
- › Steel

## Materials:

- › Alumina
- › Cement
- › Coal
- › Gypsum
- › Limestone
- › Ore
- › Potash
- › Salt
- › Sand
- › Silica
- › Tailings

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**It's time for cover wear  
to show its true colors.**

Conti<sup>®</sup>Alert lets you see belt wear in real time.

[www.contitech.us](http://www.contitech.us)

**ContiTech**

# A visionary idea in conveyor belt monitoring. Conti®Alert



Conti®Alert is the first and only conveyor belt innovation to let you see belt wear in real time. The red bonding layer below the top cover is exposed when it's time to change the belt, creating:

› **Cost savings**

Identifying belt wear allows you to get the most out of your current belt.  
Knowing when to change your belt helps prevent downtime and increase uptime.

› **Predictability**

In conjunction with our Conti®Alert calculator, customers can enter their current belt life data and determine how much time is remaining before the carcass is exposed.\*

## ContiAlert calculator

Offered as part of the introduction of Conti®Alert, customers using the Conti®Alert Calculator can enter their data and calculate the time remaining before the carcass is exposed.

## Availability

Conti®Alert is available in our abrasion-resistant lineup of ContiTech Select Conveyor Belt specs and compounds:

› **Belt Specs**

Pylon Plus 250/2, 375/3, 500/4, and 600/3 with a minimum 3/16" x1/16" to a maximum of 3/8" x1/8" covers

› **Abrasion-resistant compound specs**

Defender Plus®, Stacker®, Survivor® and Survivor® Plus



\*This is an estimate and may not in fact determine each customer's actual experience.

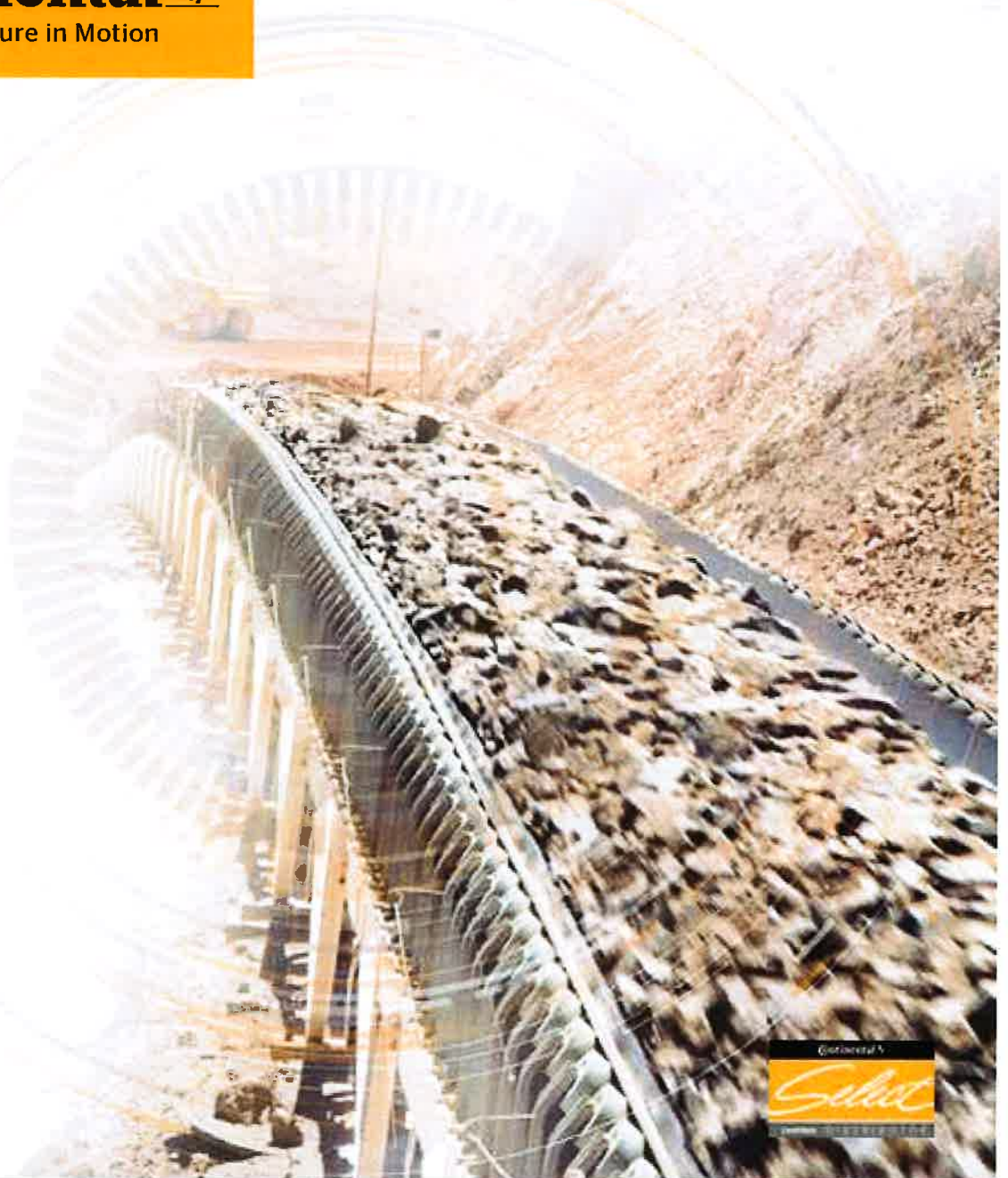
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**ContiTech**



## Conveyor Belt

# CONTI<sup>®</sup> Protect Belt Monitoring

Identify belt damage with early detection



## Engineering Next Level

A global leader in conveyor belt manufacturing, ContiTech engineers conveyor belt solutions to help protect your investment, maximize efficiencies and prevent workflow interruption. Along with our complete line of belts, we provide a range of tools needed for monitoring belt and splice conditions to minimizing rip and transverse tear damage, and help you reduce downtime.

Periodic assessment of conveyor belts can be achieved with our dedicated ContiTech belt monitoring technicians and best-in-class mobile scanning equipment. Just a few more ways we're Engineering Next Level.

## CONTI® Protect Belt Monitoring

### CONTI® MultiProtect

Our premier steel cord monitoring system, MultiProtect offers 24/7 rip detection, as well as continuous cord and splice monitoring for risk of transverse tear in critical high-abuse applications.

Patented rip inserts allow rip detection in non-troughed and troughed areas

RFID chips pinpoint the location of rip inserts.

Troughed sensor arrays identify rips immediately after critical loading points.

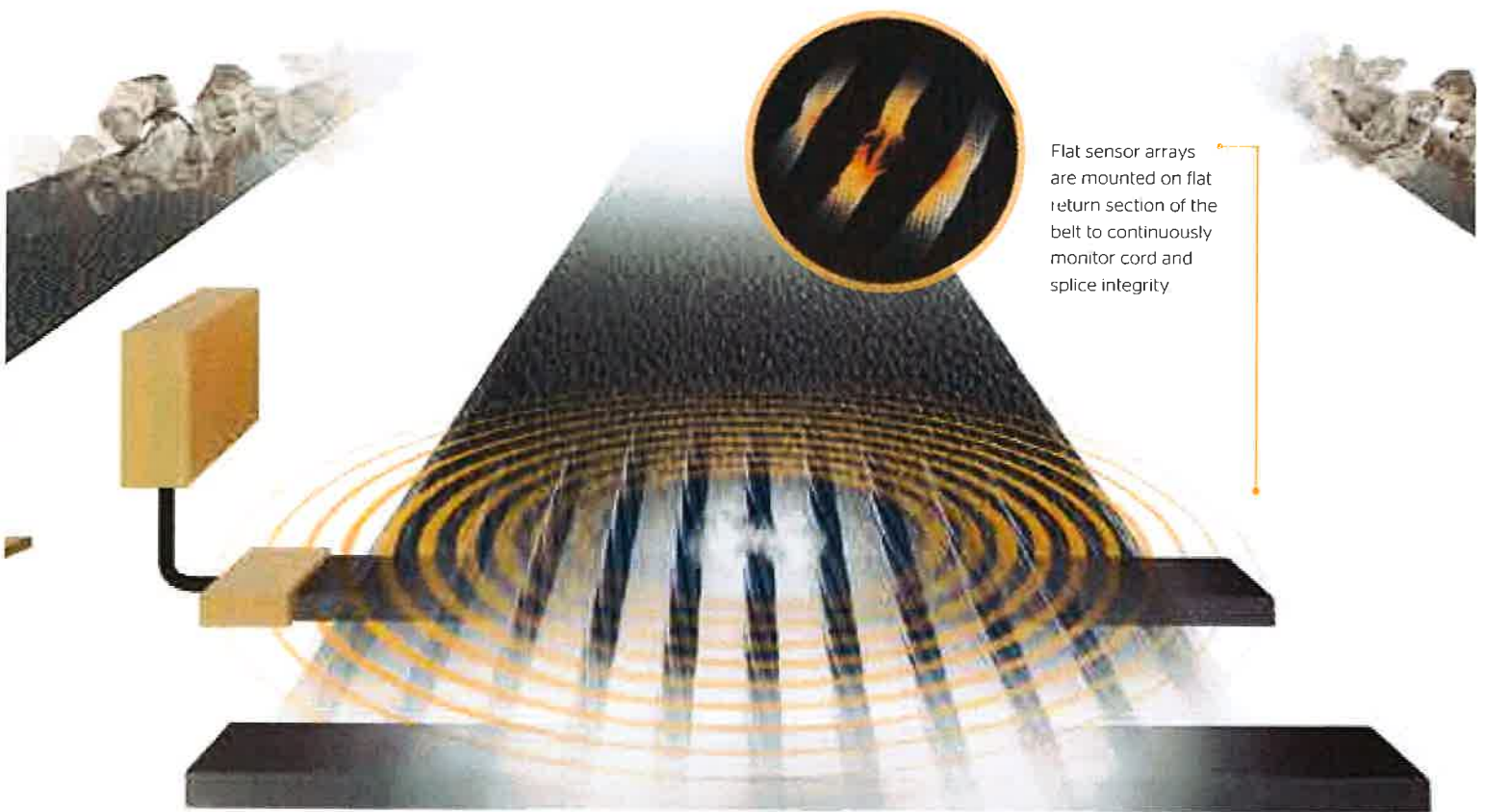
### Continuous Splice Monitoring

- MultiProtect and CordInspect continuously monitor steel cord splices by tracking key splice characteristics.
- Enables customers to set alarms to detect when splice degrades past specified set points.
- Allows for conveyor system shutdown when excessive damage is detected.



## CONTI® CordProtect

Ideal for critical applications, CordProtect was specifically designed to monitor steel cord integrity and continuously monitor splice quality to assess risk of transverse tears. System is permanently mounted to your belt system for constant scanning.



### Network of Protection

**User-friendly graphical interface puts you in control.**

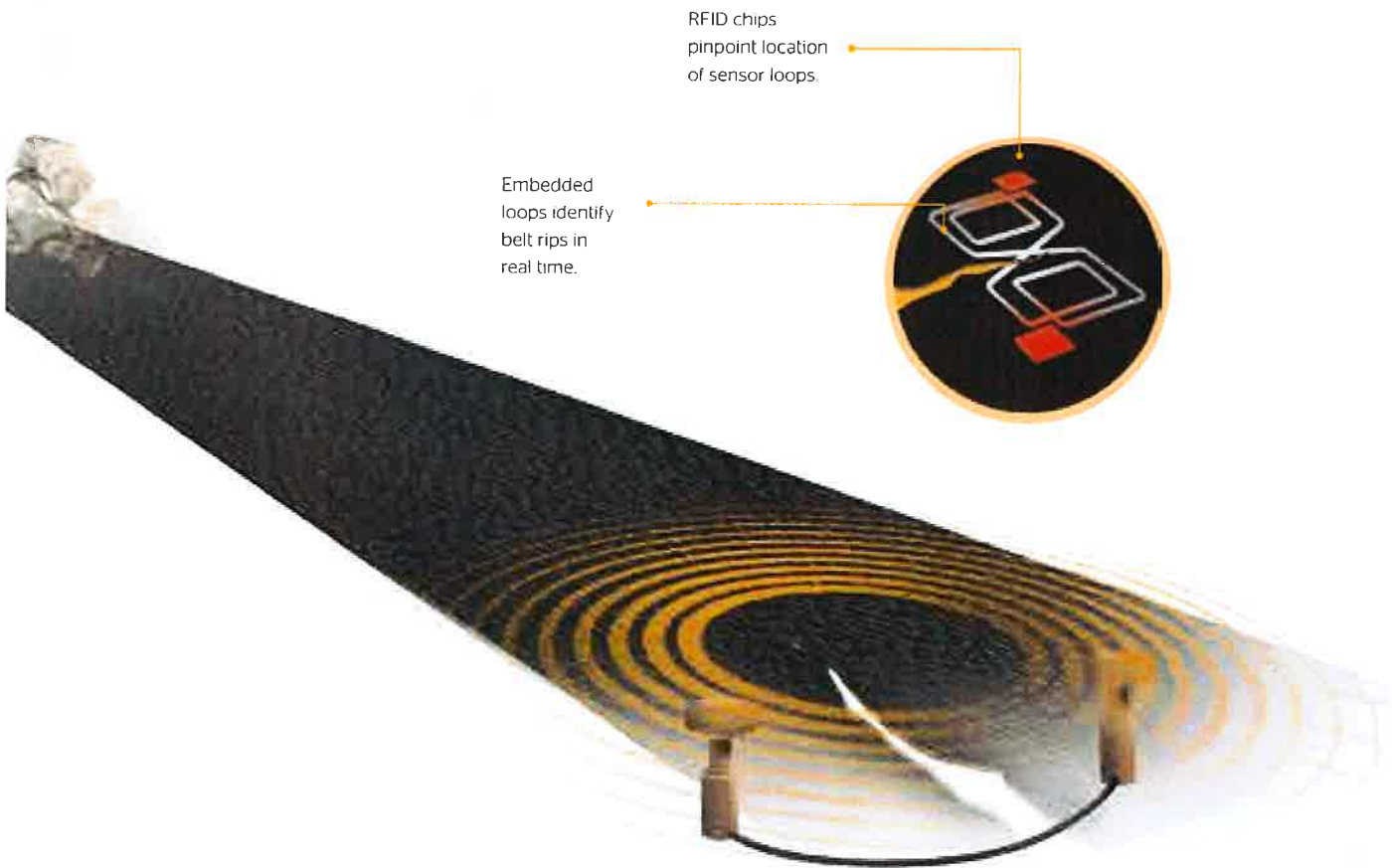
Our web-based monitoring software can be accessed via an Ethernet connection to your company's network, making it available to multiple users. Plus, the graphical interface and on-demand reports are easy to understand, so users can quickly recognize belt rips, splice issues or cord damage instantaneously. Online support can be provided if external connections are established.





# CONTI® RipProtect

RipProtect provides 24/7 continuous rip detection for critical applications including steel cord and fabric belts.



Prefer periodic assessments?

## CONTI® CordInspect

ContiTech technicians can bring Portable CordInspect equipment to your operation to conduct a cord and splice integrity scan as well as provide a detailed report.



# ContiTech



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## ContiTech. Engineering Next Level

As a division of the Continental Group, ContiTech is a recognized innovation and technology leader in natural rubber and plastics. As an industry partner with a firm future ahead of us, we engineer solutions both with and for our customers around the world. Our bespoke solutions are specially tailored to meet the needs of the market. With extensive expertise in materials and processes, we are able to develop cutting-edge technologies while ensuring we make responsible use of resources. We are quick to respond to important technological trends, such as function integration, lightweight engineering and the reduction of complexity, and offer a range of relevant products and services. That way, when you need us, you'll find we're already there.