Conveyor Belt
Total Guard™ Belt Monitoring

Guard your investment. Prevent downtime.
Industry-Leading Belt Monitoring

Continental ContiTech is a global leader in conveyor belt manufacturing. Along with a complete line of conveyor belts, we provide a range of tools needed for monitoring belt and splice conditions and minimizing rip and transverse tear damage, helping you reduce downtime.

If your operation demands belt rip and transverse tear detection, cord or splice damage detection, look to Continental ContiTech for periodic assessments or 24/7 real-time monitoring of your Continental ContiTech belt systems.

Continuous Splice Monitoring

› Cord Guard and Cord Guard XD have the critical feature of being able to 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.

Cord Guard® XD

Rip and tear monitoring, cord monitoring and continuous splice monitoring for critical high-abuse applications.

Our complete steel cord belt-monitoring solution, Cord Guard XD offers 24/7 rip and transverse tear detection, as well as continuous cord and splice monitoring for steel cord products.

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

RFID chips pinpoint location of rip inserts.

Profiled sensor arrays identify rips immediately after critical loading points.

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 or cord damage instantaneously. Online support can be provided if external connections are established.
Cord Guard®

Transverse tear detection, cord monitoring and continuous splice monitoring for critical applications.

Specifically designed to detect transverse tear, monitor steel cord integrity as well as continuously monitor splice quality. Cord Guard can be permanently mounted to your belt system for constant scanning.

Sensor Guard®

Rip monitoring for critical applications.

Sensor Guard provides 24/7 continuous rip detection for steel cord and fabric belts.

Flat sensor arrays detect cord damage in non-troughed areas of the belt and continuously monitor splice quality.

RFID chips pinpoint location of sensor loops.

Embedded, closed-circuit loops identify belt rips in real-time.

Prefer periodic assessments?

Portable Cord Guard

Continental ContiTech technicians can bring Cord Guard to your operation to conduct a cord monitoring and splice integrity scan as well as provide a detailed report.
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.