ContiTech
Conveyor Belt Products
Stahlcord® is constructed with a single plane of ultra-strong steel cords, which are completely impregnated and encased with a special cable rubber and assembled in the belt in an alternating twist design, providing exceptional tracking characteristics. Stahlcord® is the belt of choice for high tension, long center distance, or highly abusive applications.

Durarip breakers can be incorporated into Stahlcord® conveyor belting, which enhances the resistance to punctures, rips, tears, and impact damage. Breakers can be either textile or steel in design.

The ContiTronic® belt monitoring system utilizes integrated circuits vulcanized into the conveyor belt which are capable of storing, transmitting, and receiving all relevant data about the belt type, design, and application. When used in conjunction with special loops embedded into the belt, it provides an early warning system, which will protect the conveyor belt from longitudinal slitting.
ContiTech Fabric Reinforced Conveyor Belting

ContiFlex® SD fabric reinforced conveyor belts fulfill a wide variety of bulk material handling tasks in all types of industry. The high-strength polyester/nylon plies are suitable for heavy-duty operations. High quality rubber covers are designed to operate in many different environments and conditions.

ContiFlex® XT fabric reinforced conveyor belts are highly engineered to meet the special demands of conveyors that operate at extreme tensions. High quality rubber covers are matched to operating conditions and environment to maximize service life.

ContiTronic®

The System
Transponders are electronic components (integrated circuits) capable of storing, sending and receiving data. Vulcanized into conveyor belts, they provide a variety of functions:

They **identify** the conveyor belt by storing and transmitting all relevant data about belt type, design, application, etc.

They **monitor** the conveyor belt’s condition and report damage (longitudinal slitting).

They **control** the belt, or sections of it, by analyzing data via the host system. Transponders can be used in all kinds of conveyor belts in virtually any industrial sector.

The Technology
The heart of this new technology is the transponder, a tiny microchip which is vulcanized into the conveyor belt. The transponder is always activated for data transfer once it enters the magnetic field of a receiver consisting of a controller with read head (aerial). In this way, the transponder can also transmit (send and receive) data. All information is analyzed with the help of the host computer.
The CONTIFLEX® range contains a wide selection of covers for all applications, providing the optimum solution in each case, and far exceeding the relevant standards. The specific properties are the result of intensive research based on practical testing and extensive field trials. They are also attributable to the extensive knowledge and expertise of the ContiTech group in the rubber sector.

**Oil**
- Very good resistance against greasy and oily materials
- Ranges from MOR to high resistant
- Nitrile rubber compounds

**Abrasion Resistant**
- Abrasion Resistant Plus
  - Superior abrasion resistance and flex life
  - Ideal for conveying limestone, cement, crushed rock, sand, and any other material with abrasive characteristics

**Super Abrasion Resistant**
- Outstanding abrasion resistance
- Premium compound for extremely abrasive conditions
- Up to two times more abrasion resistant than standard covers

**Vulcan 300**
- Special SBR cover compound
- Temperature resistance up to 300°F
- Good physical properties

**Vulcan 400**
- Premium EPDM compound
- Temperature resistance up to 400°F
- Very good physical properties
- Excellent abrasion resistance
- Longest service life
We have 120 years of experience in rubber processing and the comprehensive product and service range which makes us a leading manufacturer of conveyor belts.

The product range incorporates the findings of specific R&D work motivated by basic research.

In cooperation with our raw material suppliers, we regularly evaluate material experiments and practical trials.

The ensuing reliability and long service life give rise to products ensuring optimum cost-effectiveness for all areas of material handling.

In addition, we support our customers by providing a comprehensive service. This ranges from giving advice at the planning stage of a conveyor, via installing the new belt, to repairing and maintaining our product.
ContiTech Service Points

- India
- Thailand
- Australia
- Malaysia
- Indonesia
- Greece
- Russia
- Poland
- Romania
- Yugoslavia
- Fyrom
- Italy

- Germany
- Sweden
- Holland
- Belgium
- France
- Spain
- Austria
- Switzerland
- Morocco
- Chile
- South Africa
- Southern Africa

- Mexico
- Argentina
- USA/Canada
- Brazil
- Iran
- Syria
- Jordan
- Egypt
- Tunisia

Conveyor Belts:
- STAHLCORD® steel cable conveyor belts
- TransConti® fabric-ply belts
- CONTIFLEX® conveyor belts
- durabelt® PVC-/PVG belts
- duracid® acid-resistant belts
- CONTITAN® conveyor belts
- Steep-angle and vertical conveyor belts
- CONTIFLEX® VULCAN hot material belts
- Special-purpose conveyor belts
- Belts for special-duty applications and functions

Control and Monitoring Systems:
- ContiTronic®