



CONTIFLEX® VULKAN

Textile Conveyor Belts for Hot Goods

CONTIFLEX® VULKAN

Textile Conveyor Belts with heat-resistant covers.



The CONTIFLEX® VULKAN range of textile conveyor belts features a broad selection of covers tailored to meet specific requirements. They can be optimally adapted to the application and go way beyond the requirements of the pertinent standards.

- › They are especially well suited to convey materials with temperatures of up to 600 °C.
- › Additional oil- and grease-resistance and flame-retardant characteristics can be supplied.

ContiTech Conveyor Belt Group

We are a leading manufacturer of conveyor belts, integrated in the ContiTech AG organization and thus part of Continental AG and the Continental Corporation. We offer complete solutions – from textile and steel cable conveyor belts to special products and service materials. With our locations close to our customers, we are able to provide comprehensive support for your conveyor belts and systems – worldwide. With high-end conveyor belt technology from ContiTech, materials handling systems run reliably and cost effectively and are environmentally friendly.

As a leading development partner with innovative conveyor belt technologies, we support the mining, machinery and equipment construction industries, as well as a host of other industries.

ContiTech. Non-stop conveyor belts. Non-stop service.



Cover properties and quality characteristics

| Description | Material Temperatur* °C | Cold flexibility DMA °C | Tensile Strength ISO 37 MPa | Elongation at Break ISO 37 % | Abrasion ISO 4649 mm ³ | Oil resistance IRM 903 (28d RT) volume swelling % | Basic polymer | Special characteristics |
|----------------|----------------------------|-------------------------------|-----------------------------------|------------------------------------|---|---|---------------|---|
| VULKAN CLASSIC | 100-200 | -40 | ≥ 20 | > 400 | < 130 | -- | SBR | Grade "Y" acc. to DIN 22102, bondable |
| VULKAN PRIME | 150-500 | -50 | ≥ 10 | > 400 | < 150 | -- | EPM | Resistant to acids and lye |
| VULKAN OPTIMUM | 200-600 | -40 | ≥ 20 | > 450 | < 120 | -- | EPDM | Resistant to acids and lye |
| VULKAN TG | 80-300 | -30 | ≥ 20 | > 600 | < 180 | < 3 | NBR | Resistant to oil |
| VULKAN GS | 50-180 | -20 | ≥ 16 | > 500 | < 230 | < 3 | NBR | Fire-retardant acc. to EN 20340, resistant to oil |
| VULKAN TV | 100-400 | -15 | ≥ 10 | > 300 | < 300 | < 15 | EVA | Halogen-free, low-fuming, temperature-resistant, fire-retardant |
| VULKAN GKT | 50-220 | -25 | ≥ 18 | > 450 | < 150 | < 35 | CR | Self-extinguishing, resistant to oil, UV and ozon |

Product range

CONTIFLEX® textile conveyor belts with EP plies are available in widths of up to 3,200 mm with a belt strength of EP 250/2 to EP 3150/5. The cover thicknesses can be selected to fit the intended application. Kindly refer to the respective stock lists for information about availability of TransConti® conveyor belts.

Splicing with high-quality materials

For the splicing of conveyor belts with heat-resistant covers, we recommend that only ContiTech splicing materials be used. This ensures optimum splice strength and service life.

Proven in diverse applications:

- › Cement industry
- › Steel and iron industry
- › Fertilizers
- › Chemical industry
- › Rural co-ops and traders in agricultural commodities
- › Coking plants
- › Waste recycling
- › Foundries

* The maximum temperatures are influenced by the form of the material, the time influence and the construction of the installation. In closed systems (e.g. elevator belt, pipe conveyor) the permissible temperature drops accordingly. Temperatures of the conveyed materials can be higher, depending on the size of the material pieces and on the operating conditions.



✓ The grades mentioned above can be combined within our modular system with specially matched materials.

ContiTech

Conveyor Belt Group

Market segment

Industry

Contact

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The ContiTech division of the Continental Corporation is a development partner and original equipment supplier to numerous industries for high-quality functional parts, components and systems. With its know-how in rubber and plastics technology, ContiTech contributes significantly to industrial progress and mobility that is safe, comfortable and eco-friendly.

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