TransConti®
Textile Conveyor Belts

Conveyor Belt Group
Safe, trouble-free conveyance: TransConti® textile conveyor belts

ContiTech Conveyor Belt Group
As manufacturers of textile and steel cable conveyor belts, special products, and service material, we are geared to satisfying the requirements of mining, machine and plant engineering, and many other branches of industry. At our plant in Northeim, Germany – one of the most modern production facilities anywhere in the world – we turn out a complete range for all conveyor jobs. Our comprehensive service offering caters to the needs of retailers, primary equippers and operators.

Proven in diverse applications
- Construction industry
- Foundries
- Wood processing
- Smelters
- Potash and salt mining
- Gravel works
- Waste utilization
- Recycling operations
- Stones and earth
- Tunneling
- Cement industry

The concept
We apply know-how derived from Continental tire research to the development and manufacture of our conveyor belts. TransConti® textile conveyor belts are vulcanized on modern double-band units (CONTI® DOBA). This technology guarantees continuous vulcanizing and ensures, among other things, an excellent surface finish.

The benefits
- Insensitive to dampness (use of fully synthetic fabrics)
- Perfect surface finish (reduces fouling and simplifies the job of cleaning the belt)
- No discontinuities in the belt due to press-related curing seams
- Optimum tracking of belt on conveyor unit

Quality characteristics of TransConti® covers

<table>
<thead>
<tr>
<th>Cover designation</th>
<th>Characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td>NQ</td>
<td>Wear-resistant</td>
</tr>
<tr>
<td>OIL</td>
<td>High oil- and grease-resistance</td>
</tr>
<tr>
<td>OIL GM</td>
<td>Moderate oil- and grease-resistance</td>
</tr>
<tr>
<td>T 150</td>
<td>Temperature stability</td>
</tr>
<tr>
<td>T 200</td>
<td>Temperature stability</td>
</tr>
</tbody>
</table>

The values given are statistical means. We reserve the right to make technical changes.

Splicing with high-quality materials
For the splicing of conveyor belts with heat- and oil-resistant covers, we recommend that only appropriate ContiTech materials be used. This ensures optimum splice strength and service life.
Rigorous quality assurance to ISO 9001 is a routine part of the job.

The ContiTech Conveyor Belt Group offers TransConti® textile conveyor belts of the most diverse types and sizes through to widths of 2100 mm:
- for diverse conveyor jobs
- for the conveyance of goods containing oil and grease
- for conveyor belt stressing in the -45 to +200 °C temperature load range

<table>
<thead>
<tr>
<th>Tear-resistance</th>
<th>Elongation at tear</th>
<th>Wear</th>
<th>Hardness</th>
<th>Permissible temperature of conveyor belt (peak load) in °C min.</th>
<th>max.</th>
<th>Maximum swelling in ASTM oil at 20 °C in Vol. %</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>550</td>
<td>130</td>
<td>60</td>
<td>-35</td>
<td>+70</td>
<td>-</td>
</tr>
<tr>
<td>17</td>
<td>500</td>
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<td>+125</td>
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<td>550</td>
<td>90</td>
<td>60</td>
<td>-45</td>
<td>+150</td>
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<tr>
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<td>75</td>
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<td>-30</td>
<td>+200</td>
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</tr>
</tbody>
</table>
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