DUNLOP TRIOFLEX®
CONVEYOR BELTS
THE IDEAL BELT FOR HEAVY LOADS, COARSE MATERIALS AND ADVERSE LOADING CONDITIONS

HIGH IMPACT / HEAVY DUTY BELTS
Trioflex has been designed in line with the modern MPC-trend (minimum ply concept) and can be used very successfully for medium up to the heaviest service conditions, adverse loading conditions and coarse materials. As its name implies, the Trioflex carcass consists of three extremely tough and resilient EP fabric plies that are impervious to moisture and have a low elongation. There is an extra tough rubber layer between the plies. This all adds up to outstanding levels of impact and tear resistance.

- Tensile strengths available from 400 N/mm up to 1250 N/mm
- Wide range of widths available, from 400 mm up to 2200 mm
- High quality cover compounds suitable for -60°C up to +400°C, fire resistant, oil, grease and abrasion resistant
- Higher impact and tear resistance due to thicker rubber layers between the fabric plies
- Higher splice performance than conventional multi-ply belting
- Higher effective load support than conventional multi-ply belting

APPLICATION AREAS
Trioflex belts provide superb reliability and durability in a wide cross-section of industries, including the steel industry, blast furnaces, mining and coke industry, ore transport, stone industry and processing industries.

AVAILABILITY
Trioflex belts are available from stock in 500 and 630 N/mm tensile strengths using the Dunlop RS (high wear and cut resistance) cover quality. Other tensile strengths and cover grade options can be made to order. Available in widths from 400mm up to 2200mm.

UNRIVALLED TECHNICAL SUPPORT AND GUIDANCE
When you buy from Dunlop you get more than just quality conveyor belts because we have one of the largest, most experienced and highly trained teams of conveyor belt specialists and application engineers in the industry.

Dunlop provides an unrivalled level of customer service — visiting our customers on-site, providing advice, guidance and practical support including:
- Site visits and surveys
- Belt calculation services
- Technical training (on-site and Dunlop based)
- Splice training
- Trouble shooting and problem solving
- In-house research, testing and development
- After-sales support

ADDITONAL INFORMATION
WWW.DUNLOPCB.COM

HELPLINE
+31 (0) 512 585 555

We are never more than a phone call away when our customers need our help or advice. This service is extremely well supported by our extensive network of highly reputable Dunlop Authorised Distributors, Vulcanisers and Approved Agents.
# TECHNICAL INFORMATION

## A WIDE RANGE OF COVER QUALITIES

**ALL DUNLOP COVER QUALITIES ARE ANTI-STATIC ACCORDING TO EN 20284**

<table>
<thead>
<tr>
<th>Dunlop Cover Quality</th>
<th>DIN quality</th>
<th>EN/ISO quality</th>
<th>Permissible temp. °C</th>
<th>Base polymer</th>
<th>Technical Features</th>
<th>Application Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abrasion resistant</td>
<td>RA</td>
<td>Y</td>
<td>-30</td>
<td>80</td>
<td>100</td>
<td>SBR</td>
</tr>
<tr>
<td></td>
<td>RE</td>
<td>X</td>
<td>-40</td>
<td>80</td>
<td>90</td>
<td>NR</td>
</tr>
<tr>
<td></td>
<td>RS</td>
<td>W</td>
<td>-30</td>
<td>80</td>
<td>90</td>
<td>NR/SBR</td>
</tr>
<tr>
<td>Heat resistant</td>
<td>Betahete</td>
<td>T T1</td>
<td>-20</td>
<td>160</td>
<td>180</td>
<td>SBR</td>
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<tr>
<td></td>
<td>Deltahete</td>
<td>T T3</td>
<td>-20</td>
<td>200</td>
<td>400</td>
<td>EPM</td>
</tr>
<tr>
<td>Oil resistant</td>
<td>ROM</td>
<td>G</td>
<td>-20</td>
<td>80</td>
<td>90</td>
<td>SBR/NBR</td>
</tr>
<tr>
<td></td>
<td>ROS</td>
<td>G</td>
<td>-20</td>
<td>80</td>
<td>120</td>
<td>NBR</td>
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<tr>
<td>Fire resistant</td>
<td>BV</td>
<td>K/S³ 2A/2B</td>
<td>-20</td>
<td>80</td>
<td>90</td>
<td>SBR</td>
</tr>
<tr>
<td>Fire resistant &amp; Oil resistant</td>
<td>BV ROM</td>
<td>K/S³ 2A/2B</td>
<td>-20</td>
<td>80</td>
<td>90</td>
<td>SBR/NBR</td>
</tr>
<tr>
<td></td>
<td>BV ROS</td>
<td>K/S³ 2A/2B</td>
<td>-20</td>
<td>80</td>
<td>90</td>
<td>NBR</td>
</tr>
</tbody>
</table>

¹For elevator belts other values apply. For low ambient temperatures please ask for information regarding our Coldstar range.

²In some cases (with products containing high concentrations of animal and vegetable oils) ROS should be selected.

³K = fire resistant with covers.

S = fire-resistant with and without covers.

Other cover grade qualities for special applications are available upon request.

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1. **TO DETERMINE THE TOTAL BELT THICKNESS** *(EXCLUDING FIRE RESISTANT BELTS)*
   Add the sum of the covers to the carcass thickness.

2. **TO DETERMINE THE BELT WEIGHT PER M²** *(EXCLUDING FIRE RESISTANT BELTS FOR WHICH OTHER WEIGHTS APPLY)*
   Multiply the sum of the covers by 1.15 and add the result to the carcass weight.

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All information and recommendations in this bulletin have been supplied to the best of our knowledge, as accurately as possible and updated to reflect the most recent technological developments. We cannot accept any responsibility for recommendations based solely on this document.