

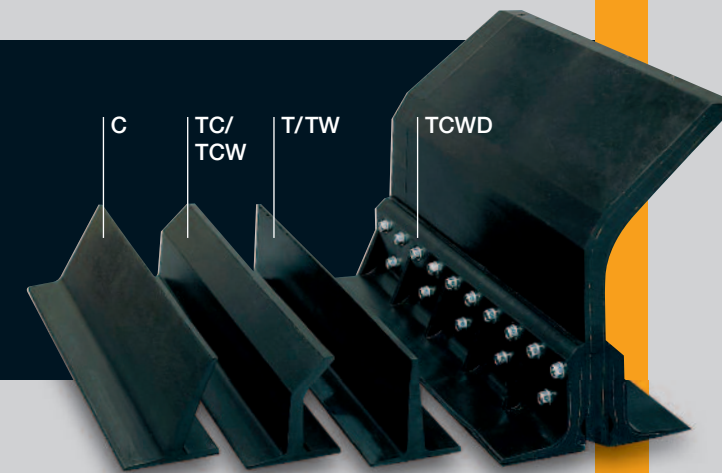
MAXOFLEX[®]
Steep angle Conveyor Belts

Conveyor Belt Group



Reliable conveying at inclines of up to 90°: MAXOFLEX® steep angle conveyor belts

The MAXOFLEX® HAC belt range offers wide or comprehensive selection of components ensuring the correct configuration for each custom designed application.



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 applications. Our comprehensive service exclude offering to the needs of retailers, original equipment manufacturers and end users.

The concept

MAXOFLEX® corrugated sidewall belts for transport of bulk goods offer high-quality long-term high-incline conveying solutions. Depending on the application there are three corrugated sidewall types and four cleat types available to meet the customer's requirements. The belts can, for example, also be configured with three corrugated sidewalls, making for a "double" conveyor system on just one belt. In this case, two different bulk materials can be simultaneously transported on just one belt.

Benefits

- Saves space, since conveying at inclines of up to 90° is possible
- Extremely high stability is provided in the transverse direction, good longitudinal flexibility
- Different feed and discharge directions are possible by rotating the vertical runs

Base belts

| Belt types* | Thickness | Weight | splice | minimum pulley diameter |
|--------------------|-----------|-------------------|--------|-------------------------|
| | mm | kg/m ² | | mm |
| XE 250/1+2 2+2 | 8.5 | 9.6 | 1x250 | 250 |
| XE 315/2+2 3.5+1.5 | 9.7 | 10.9 | 1x180 | 315 |
| XE 400/3+2 3.5+1.5 | 10.8 | 12.3 | 2x200 | 400 |
| XE 500/3+2 4+2 | 12.9 | 14.6 | 2x200 | 400 |
| XE 630/4+2 4+2 | 13.8 | 15.6 | 3x200 | 500 |
| XE 800/4+2 4+2 | 14.3 | 16.2 | 3x250 | 630 |
| XE 1000/5+2 4+2 | 16.4 | 18.9 | 4x250 | 800 |

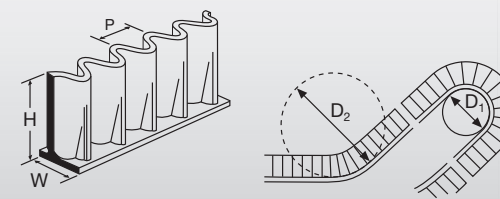
*examples

Product range

MAXOFLEX® belts can be supplied in the **M (light), MW (medium), MWS (heavy) and MWSF (extra heavy duty)** corrugated sidewalls. All products with "W" included in its designation are fabric reinforced which provides for greater stability. MAXOFLEX® corrugated sidewalls and cleats are produced in standard or oil-resistant quality,

and are stocked in various sizes. Other types are available on request. Type T, C, TC and TCW cleats can be combined individually with the respective sidewalls. **Note:** Minimum pulley diameter of either sidewall, cleat or base belt is to be considered.

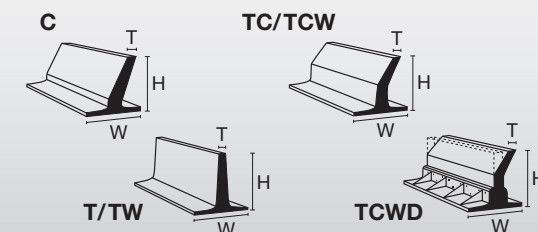
Corrugated sidewall range



Nominal dimensions

| Type | H | W | P | D ₁ min. | D ₂ min. |
|----------|-----|-----|----|---------------------|---------------------|
| | mm | mm | mm | mm | mm |
| M 40 | 40 | 35 | 35 | 120 | 200 |
| M 60 | 60 | 50 | 40 | 150 | 240 |
| M 80 S | 80 | 50 | 40 | 200 | 320 |
| M 100 | 100 | 50 | 50 | 250 | 400 |
| M 100 S | 100 | 50 | 40 | 250 | 400 |
| M 120 | 120 | 50 | 50 | 300 | 480 |
| M 140 | 140 | 50 | 50 | 350 | 560 |
| MW 120 | 120 | 50 | 50 | 300 | 480 |
| MW 140 | 140 | 50 | 50 | 350 | 560 |
| MWS 120 | 120 | 75 | 60 | 300 | 480 |
| MWS 140 | 140 | 75 | 60 | 350 | 560 |
| MWS 160 | 160 | 75 | 60 | 400 | 640 |
| MWS 180 | 180 | 75 | 60 | 450 | 720 |
| MWS 200 | 200 | 75 | 60 | 500 | 800 |
| MWS 240 | 240 | 75 | 60 | 625 | 1000 |
| MWS 250 | 250 | 75 | 60 | 625 | 1000 |
| MWS 280 | 280 | 75 | 60 | 750 | 1200 |
| MWS 300 | 300 | 75 | 60 | 750 | 1200 |
| MWSF 250 | 250 | 110 | 80 | 800 | 1000 |
| MWSF 300 | 300 | 110 | 80 | 1000 | 1200 |
| MWSF 350 | 350 | 110 | 80 | 1150 | 1400 |
| MWSF 400 | 400 | 110 | 80 | 1300 | 1600 |

Cleat range



Nominal dimensions

| Type | H | W | T | D ₁ min. | D ₂ min. |
|------------|-----|-----|----|---------------------|---------------------|
| | mm | mm | mm | mm | mm |
| T 35 | 35 | 55 | 6 | 160 | 200 |
| T 55 | 55 | 80 | 7 | 160 | 250 |
| T 75 | 75 | 80 | 6 | 200 | 300 |
| T 90 | 90 | 105 | 11 | 275 | 400 |
| T/TW 110 | 110 | 105 | 8 | 275 | 400 |
| T/TW 140 | 140 | 160 | 18 | 400 | 450 |
| T/TW 160 | 160 | 160 | 16 | 400 | 450 |
| T/TW 180 | 180 | 160 | 14 | 400 | 450 |
| C 55 | 55 | 80 | 6 | 160 | 250 |
| C 75 | 75 | 80 | 10 | 200 | 300 |
| C 90 | 90 | 110 | 8 | 275 | 400 |
| C 110 | 110 | 110 | 7 | 275 | 400 |
| TC 75 | 75 | 82 | 7 | 200 | 300 |
| TC 90 | 90 | 105 | 12 | 275 | 400 |
| TC/TCW 110 | 110 | 105 | 20 | 275 | 400 |
| TC/TCW 130 | 130 | 160 | 20 | 400 | 500 |
| TC/TCW 140 | 140 | 160 | 20 | 400 | 500 |
| TC/TCW 160 | 160 | 160 | 20 | 400 | 500 |
| TC/TCW 180 | 180 | 160 | 19 | 400 | 500 |
| TC/TCW 220 | 220 | 170 | 30 | 500 | 600 |
| TC/TCW 230 | 230 | 170 | 30 | 500 | 600 |
| TCWD 280 | 280 | 230 | 30 | 1000 | 1200 |
| TCWD 330 | 330 | 230 | 30 | 1000 | 1400 |
| TCWD 360 | 360 | 230 | 30 | 1000 | 1600 |

www.contitech.de/conveyorbelts



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