**Technical datasheet** 

## Soliflex CB TPU/30 M1T beige 30in FG 1 row

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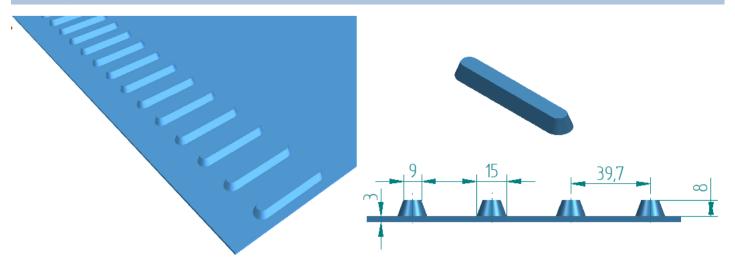


| Product group   Soliflex     Hain product feature   Politive drive, Chemical resistant, Wear resistant, Wear resistant     Bett construction   TPU     Topside   M1 Fine matt finish, I Fine matt finish     Bottom side   M1 Fine matt finish, I Fine matt finish     Color   Matterial     Bottom side   Matterial     Color   Beige     Characteristics   V     Fored Grade (FG)   Pig     Pitch   Pig     Solo Sea   Solo Sea     Fore at 1% elongation   ISO 21181     Solo Sea   Sinon     Pitchichness   ISO 21181     Gorer at 1% elongation   ISO 21181     Grade from parting temperature   ISO 21181     Fore at 1% elongation   ISO 21181     Maring   ISO 21181     Grade from parting temperature   ISO 21181     Maring Liengerature   ISO 21181 <   | General information     |                    |   |           |         |       |          |         |  |
|---|-------------------------|--------------------|---|-----------|---------|-------|----------|---------|--|
| Belt construction       Belt construction     TPU       Top side     M1 Fine matt finish, M1 Fine matt finish     U       Bottom side     matt     U  | Product group           | Soliflex           | Soliflex  |           |         |       |          |         |  |
| Material   TPU     Top side   M1 Fine matt finish, M1 Fine matt finish     Bottom side   matt     Color   beige     Characteristics     Food Grade (FG)     ge ge 1935/2004, EU 10/2011; FD4; No     Technical data     Food Grade (FG)     ISO 868     ISO 868     Force at 1% elongation     ISO 1811     Gentinuos     Gentinuos     Gentinuos     Gentinuos     ISO 868     Gentinuos     Gentinuos   Gentini <th>Main product feature</th> <th>Positive drive, Ch</th> <th colspan="7">Positive drive, Chemical resistant, Non-stick, Wear resistant</th>  | Main product feature    | Positive drive, Ch | Positive drive, Chemical resistant, Non-stick, Wear resistant |           |         |       |          |         |  |
| Material   TPU     Top side   M1 Fine matt finish, M1 Fine matt finish     Bottom side   matt     Color   beige     Characteristics     Food Grade (FG)     ge ge 1935/2004, EU 10/2011; FD4; No     Technical data     Food Grade (FG)     ISO 868     ISO 868     Force at 1% elongation     ISO 1811     Gentinuos     Gentinuos     Gentinuos     Gentinuos     ISO 868     Gentinuos     Gentinuos   Gentini <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>   |                         |                    |   |           |         |       |          |         |  |
| Yon side<br>Bottom side<br>Coor   MI Fine matt finish, MI Fine matt finish     Bottom side<br>Coor   matt<br>bege     Characteristics   State     Food Grade (FG)   ys   EU 1935/2004, EU 10/2011; FDA; NO     Technical data   Man   1.56     Pitch   So 868   Gal   Sine   1.56     Force at 1% elongation   ISO 21181   Gal   Man   1.51   js/in.     Belt thickness   Gontinuous   ffrond   Gal   Man   1.51   js/in.     Operating temperature   Continuous   ffrond   ffrond   ffrond   ffrond   gla   ffrond   gla   ffrond   gla   ffrond   gla   gla   fig.     Manufacturing width   maximum   gla   ffrond   gla   | Belt construction       |                    |   |           |         |       |          |         |  |
| Bottom side<br>beige   matt     Characteristics   sege     Food Grade (FG)   yes   EU 1935/204, EU 10/2011; FDA; NO     Technical data   Man   1.56   6.     Pitch   ISO 868   Old   Sole   Ion     Force at 1% elongation   ISO 21181   Ion   Sole   Ion     Bet thickness   Ion   Ion   Ion   Ion     Weight   Ontinuous   Ifrom / to   Sole   Old   Ion     Minimum pulley diameter   Ion   Ion   Ion   Ion   Ion     Mandfacturing width   maximum   Ion   Ion   Ion   Ion     Manafer Ling   Ion   Ion   Ion   Ion   Ion   Ion     Manafer Ling   Ion   Ion   Ion   Ion   Ion   Ion   Ion     Manafer Ling   Ion   Ion   Ion   Ion   Ion   Ion   Ion     Mark   Ion   Ion   Ion   Ion   Ion   Ion   Ion   Ion     Mark   Ion   Ion   Ion   Ion <thi< th=""><th>Material</th><th>TPU</th><th colspan="7">TPU</th></thi<>  | Material                | TPU                | TPU   |           |         |       |          |         |  |
| Conversion   Matrix     beige     Characteristics     Food Grade (FG)   yes   EU 1935/2004, EU 10/2011; FJA; No     Technical data     Pitch   50 868   39.7   mm   1.56   n.     Force at 1% elongation   ISO 21181   Shore   1  | Top side                | M1 Fine matt finis | M1 Fine matt finish, M1 Fine matt finish                      |           |         |       |          |         |  |
| Characteristics   EU 1935/2004, EU 10/2011; FDA; No     Food Grade (FG)   yes   EU 1935/2004, EU 10/2011; FDA; No     Technical data   mm   1.56     Pitch   ISO 868   Mm   1.56   I.57     Hardness   ISO 21181   Mm   1.57   Mm   1.57     Belt thickness   ISO 21181   Iso 868   Mm   1.71.3   Iso/in.     Veight   Iso 21181   Iso   Mm   0.12   In.     Pitch   Iso 21181   Iso   Mm   0.12   In.     Operating temperature   Iso 21181   Iso   Mm   0.12   In.     Mainimum pulley diameter   Iso/ininuous   from / to   So / to   23.1 / to   In.     Manufacturing width   maximum   Iso/ininuous   from / to   So / to   23.1 / to   In.     Manufacturing width   maximum   Iso/ininuous   from / to   So / to   Iso/ininuous   Iso/ininuous     Manufacturing width   maximum   Iso/ininuous   Iso/ininuous   Iso/ininuous   Iso/ininuous   Iso/ininuous     Manufacturing width   maximum </th <th>Bottom side</th> <th>matt</th> <th colspan="7">matt</th>   | Bottom side             | matt               | matt  |           |         |       |          |         |  |
| Food Grade (FG)   yes   EU 1935/JUL 2011; FDA; NO     EU 1935/JUL 2011; FDA; NO     Technical data     Forchaid data     Pitch   100   39.7   mm   1.05   in.     Hardness   ISO 868   Shore   100   100   100     Force at 1% elongation   ISO 21181   ISO 200   N/mm   17.13   Ib/r0.     Belt thickness   ISO 21181   ISO 200   In.   In.   Ib/r0.   Ib/r0.     Weight   ISO 200   ISO 200   In.   In.   Ib/r0.   Ib/r0.   Ib/r0.   Ib/r0.     Operating temperature   Intinuous   Intinuous<  | Color                   | beige              | beige   |           |         |       |          |         |  |
| Food Grade (FG)   yes   EU 1935/JUL 2011; FDA; NO     EU 1935/JUL 2011; FDA; NO     Technical data     Forchaid data     Pitch   100   39.7   mm   1.05   in.     Hardness   ISO 868   Shore   100   100   100     Force at 1% elongation   ISO 21181   ISO 200   N/mm   17.13   Ib/r0.     Belt thickness   ISO 21181   ISO 200   In.   In.   Ib/r0.   Ib/r0.     Weight   ISO 200   ISO 200   In.   In.   Ib/r0.   Ib/r0.   Ib/r0.   Ib/r0.     Operating temperature   Intinuous   Intinuous<  | Chavastavistics         |                    |   |           |         |       |          |         |  |
| Technical dataPitchImage: Signal signa |                         |                    | EU 400E (2  |           |         |       |          |         |  |
| PitchISO 86839.7mm1.56in.HardnessISO 21181ISO 21181Mmm17.13Iso.Belt thicknessISO 21181ISO 21181ISO 21181ISO 21181ISO 21181ISO 21181Deprating temperatureISO 21181ISO 21181ISO 21181ISO 21181ISO 21181ISO 21181ISO 21181MeightISO 21181ISO 21181  | Food Grade (FG)         | yes                | yes EU 1935/2004, EU 10/2011; FDA; No                         |           |         |       |          |         |  |
| HardnessISO 868ISO 21181ISO 21181 <th< th=""><th>Technical data</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>  | Technical data          |                    |   |           |         |       |          |         |  |
| Force at 1% elongationISO 21181ISO 21181Mmm17.13Ibs/in.Belt thicknessIso 21181Iso 21181Iso 21181Iso 21181Iso 21181Iso 21181WeightIso 21181Iso 21181Iso 21181Iso 21181Iso 21181Iso 21181Iso 21181WeightIso 21181Iso 21181Iso 21181Iso 21181Iso 21181Iso 21181Iso 21181WeightIso 21181Iso 21181Iso 21181Iso 21181Iso 21181Iso 21181Iso 21181Operating temperatureIso 21181Iso 21181Iso 21181Iso 21181Iso 21181Iso 21181Operating temperatureIso 21181Iso 21181Iso 21181Iso 21181Iso 21181Iso 21181Minimum pulley diameterIso 21181Iso 21181Iso 21181Iso 21181Iso 21181Iso 21181Manufacturing widthIso 21181Iso 21181Iso 21181Iso 21181Iso 21181Iso 21181Manufactu  | Pitch                   |                    |   |           | 39.7    | mm    | 1.56     | in.     |  |
| Belt thicknessManufacturing widthManufacturing width  | Hardness                | ISO 868            |   |           | 53D     | Shore |          |         |  |
| WeightA.6kg/m²0.94lbs/ft²Operating temperaturecontinuousfrom / to-5 / 70°C23 / 158°FMinimum pulley diameterflexingA.6kg/m²0.94lbs/ft²backflexingManufacturing widthmaximum35.98in.  | Force at 1% elongation  | ISO 21181          |   |           | 3       | N/mm  | 17.13    | lbs/in. |  |
| Operating temperaturecontinuousfrom / to-5 / 70°C23 / 158°FMinimum pulley diameterflexingContinuousflexingContinuousflexingflexi   | Belt thickness          |                    |   |           | 3       | mm    | 0.12     | in.     |  |
| Minimum pulley diameterflexing124.5mm4.9in.backflexing250mm9.84in.Manufacturing widthmaximum914mm35.98in.   | Weight                  |                    |   |           | 4.6     | kg/m² | 0.94     | lbs/ft² |  |
| backflexing250 mm9.84 in.Manufacturing widthmaximum914 mm35.98 in.  | Operating temperature   | continuous         |   | from / to | -5 / 70 | °C    | 23 / 158 | °F      |  |
| Manufacturing widthmaximum914 mm35.98 in.   | Minimum pulley diameter | flexing            |   |           | 124.5   | mm    | 4.9      | in.     |  |
|   |                         | backflexing        |   |           | 250     | mm    | 9.84     | in.     |  |
| standard 762 mm 30 in.  | Manufacturing width     | maximum            |   |           | 914     | mm    | 35.98    | in.     |  |
|   |                         | standard           |   |           | 762     | mm    | 30       | in.     |  |
| Fabrication   | Fabrication             |                    |   |           |         |       |          |         |  |
| Recommended splice method Butt weld   |                         | Butt wold          |   |           |         |       |          |         |  |

## Additional information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ. Keep the belt tension to a practical working minimum for maximum belt and machine life.

Store loose and wrapped in plastic. The allowable product temperature may vary.



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