

Top side: Smooth gloss (SG)



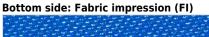














Quality: PU75A

Order No.:

FBFI750X20LB

| GENERAL | BELT | INFO                                   | MATION |
|---------|------|--|--------|
| GENERAL |      | III III III III III III III III III II |        |

| Material type                         | Polyurethane |
|---------------------------------------|--------------|
| Total belt thickness                  | 2 mm         |
| Minimum pulley diameter               | 20 mm        |
| Recommended pretension                | 15%          |
| Pull force at 1% elongation (static)  | 0,47 N/mm    |
| Pull force at 1% elongation (relaxed) | 0,4 N/mm     |

| Belt design              | monolithic            |
|--------------------------|-----------------------|
| Weight                   | 2,4 kg/m <sup>2</sup> |
| Temperature              | -30°C+50°C            |
| Maximum production width | 750 mm                |
| Maximum usable width     | 730 mm                |
| Chemical resistance      | upon request          |

| BELT SPECIFICATIONS                 | TOP SIDE                           | BOTTOM SIDE                        |
|-------------------------------------|------------------------------------|------------------------------------|
| Approx. material hardness (Shore)   | 80° Shore A                        | 80° Shore A                        |
| Coefficient of friction $\mu$ Steel | 0,7                                | 0,55                               |
| Color                               | ultramarine blue                   | ultramarine blue                   |
| Belt thickness                      | n/a                                | n/a                                |
| Surface                             | Smooth gloss (SG)                  | Fabric impression (FI)             |
| Characteristics                     | Hydrolysis resistance              | Hydrolysis resistance              |
|                                     | microbial resistant                | microbial resistant                |
|                                     | MicroClean                         | Cold-flexible                      |
|                                     | Cold-flexible                      | FDA (Food and Drug Administration) |
|                                     | FDA (Food and Drug Administration) |                                    |

| CONFORMITY                                 |  |
|--|--|
| REACH EC 1907/2006 in the current versions |  |
| EC 1935/2004 in the current versions       |  |

| RECOMMENDED END CONNECTION & WELDING PARAMETERS |         |                              |                |  |  |  |  |
|---|---------|------------------------------|----------------|--|--|--|--|
| Finger joint                                    |         | Butt welding (heating sword) |                |  |  |  |  |
| Heating plate temperature                       | 155 °C  | Heating paddle temperature   | 260°C<br>±10°C |  |  |  |  |
| Pressure  | 0,5 bar |                              |                |  |  |  |  |
| Heating time                                    | 90 sek. |                              |                |  |  |  |  |

The above information is the result of in-house quality testing. It does not constitute a warranty of properties and, in particular, does not contain statements about the suitability of the product for specific purposes, nor can any claims be derived from it against us. The information does not release the buyer, in particular, from his obligation to perform incoming inspection.

Subject to change without notice - 08/2025

FDA (Food and Drug Administration)



## **MATERIAL CHARACTERISTICS**

BEHAbelt conveyor belts additionally offer very useful special features that make them suitable for even the most demanding conveyor belt applications.



FDA/EC compliance for direct food contact.



Metal and X-ray detectable conveyor belts for maximum food safety. These products are part of the PUsafe series.



Hydrolysis-resistant conveyor belts for use in warm, humid, and wet environments.



Specially protected against UV-C radiation.



Use of raw materials of non-animal origin.



Friction driven conveyor belts for roller drives.



Antistatic dissipative conveyor belts with excellent mechanical properties.



The microbe-resistant conveyor belts do not provide a breeding ground for microorganisms.



Unique surface finish that offers optimal release properties and excellent cleanability due to its rounded structure.



The two-component production allows the combination of different material hardnesses, properties, and colors.



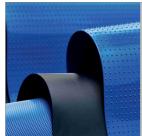
Heavy-duty flame retardant according to ISO 340.



Form-locking conveyor belts for gear drives.

## **DELIVERY PROGRAM**

Supplementary product solutions as well as welding and joining technology.



made of PU and TPE



Monolithic conveyor belts Weldable belts made of PU Welding/joining technology for PU and TPE and TPE



PU coatings for toothed and V-belts



Belt accessories made of PU