# Datasheet
# Conveyor belt

**Top side: Smooth matt (SM)**



FDA EC · VEGAN · ISO 340 · MICRO CLEAN

**Bottom side: Fabric impression (FI)**



FDA EC · VEGAN · ISO 340

Quality:
**PU75A**

Order No.:
**FBFI750X16SB**

| GENERAL BELT INFORMATION | | | |
|---|---|---|---|
| Material type | Polyurethane | Belt design | monolithic |
| Total belt thickness | 1,6 mm | Weight | 1,92 kg/m² |
| Minimum pulley diameter | 15 mm | Temperature | -20°C...+60°C |
| Recommended pretension | 1...5% | Maximum production width | 750 mm |
| Pull force at 1% elongation (static) | 0,34 N/mm | Maximum usable width | 730 mm |
| Pull force at 1% elongation (relaxed) | 0,24 N/mm | Chemical resistance | upon request |

| BELT SPECIFICATIONS | TOP SIDE | BOTTOM SIDE |
|---|---|---|
| Approx. material hardness (Shore) | 80° Shore A (±3) | 80° Shore A (±3) |
| Coefficient of friction µ Steel | 0,65 | 0,55 |
| Color | black | black |
| Belt thickness | n/a | n/a |
| Surface | Smooth matt (SM) | Fabric impression (FI) |
| Characteristics | FDA/EC | FDA/EC |
| | Vegan | Vegan |
| | Flame retardant | Flame retardant |
| | MicroClean | |

| CONFORMITY |
|---|
| REACH EC 1907/2006 in the current versions |
| EC 1935/2004 in the current versions |
| EC 10/2011 in the current versions |
| UL94-HB |
| not flammable (Directive 92/69/EEC, A.10) |
| not flammable FMVSS 302 (Federal Motor Vehicle Safety Standard) |
| FDA (Food and Drug Administration) |

| RECOMMENDED END CONNECTION & WELDING PARAMETERS | | | |
|---|---|---|---|
| Finger joint | | Butt welding (heating sword) | |
| Heating plate temperature | 155 °C | Heating paddle temperature | 260°C ±10°C |
| Pressure | 0,5 bar | | |
| Heating time | 60 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 - 11/2026

## 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 — FDA/EC compliance for direct food contact.

METAL X-RAY — 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.

UV — Specially protected against UV-C radiation.

VEGAN — 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.

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

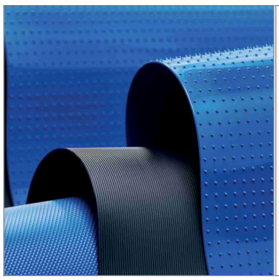
2K — The two-component production allows the combination of different material hardnesses, properties, and colors.

ISO 340 — 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.



Monolithic conveyor belts made of PU and TPE



Weldable belts made of PU and TPE



Welding/joining technology for PU and TPE



PU coatings for toothed and V-belts



Belt accessories made of PU