

Top side: Smooth gloss (SG)





Quality: **PU75A** 

Order No.: **FBFI150X2LG** 

GENERAL BELT INFORMATI	ON
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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	150 mm
Maximum usable width	140 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	0,7
Color	sky blue	sky blue
Belt thickness	n/a	n/a
Surface	Smooth gloss (SG)	Smooth gloss (SG)
Characteristics	Hydrolysis resistance	Hydrolysis resistance
	microbial resistant	microbial resistant
	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	
EC 10/2011 in the current versions	
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	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 - 07/2025



## **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.



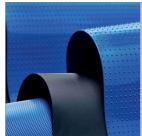
Heavy-duty flame retardant according to ISO 340.



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