(relaxed)



monolithic 4,8 kg/m² -30°C...+50°C 150 mm 140 mm upon request

Top side: Smooth gloss (SG)





Quality: PU75A

Order No.: FBFI150X4LG

GENERAL BELT INFORMATIO	N		
Material type	Polyurethane	Belt design	
Total belt thickness	4,0 mm	Weight	
Minimum pulley diameter	35 mm	Temperature	
Recommended pretension	15%	Maximum production width	
Pull force at 1% elongation (static)	0,86 N/mm	Maximum usable width	
		Chemical resistance	
Pull force at 1% elongation	0.6 N/mm		

0,6 N/mm

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

CONFORMITY REACH EC 1907/2006 in the current versions	RECOMMENDED E PARAMETERS	ND CONNECTION & WELDING			
C 1935/2004 in the current versions	Finger joint		Butt welding (heating sword)		
EC 10/2011 in the current versions	Heating plate temperature	155 °C	Heating paddle temperature	260°C ±10°C	
FDA (Food and Drug Administration)	Pressure	0,5 bar			
	Heating time	180 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 - 11/2025



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.



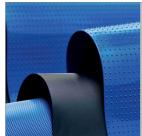
Heavy-duty flame retardant according to ISO 340.



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