

**Top side: Slightly rough (SR)**



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



Quality:  
**PU65A /**  
**PU80A**

Order No.:  
**FBFJG750X2S**



**GENERAL BELT INFORMATION**

Material type	Polyurethane	Belt design	monolithic, 2 components
Total belt thickness	2 mm	Weight	2,4 kg/m <sup>2</sup>
Minimum pulley diameter	18 mm	Temperature	-20°C...+40°C
Recommended pretension	1...5%	Maximum production width	750 mm
Pull force at 1% elongation (static)	0,45 N/mm	Maximum usable width	730 mm
Pull force at 1% elongation (relaxed)	0,4 N/mm	Chemical resistance	upon request

BELT SPECIFICATIONS	TOP SIDE	BOTTOM SIDE
Approx. material hardness (Shore)	72° Shore A	84° Shore A
Coefficient of friction $\mu$ Steel	0,7	0,5
Color	black	black
Belt thickness	0,8 mm	1,2 mm
Surface	Slightly rough (SR)	Fabric impression (FI)
Characteristics	FDA (Food and Drug Administration)	FDA (Food and Drug Administration)
	Hydrolysis resistance	2C
	microbial resistant	
	Antistatic-dissipative (Rg = <10E09 $\Omega$ (1G $\Omega$ ))	
	2C	

CONFORMITY	RECOMMENDED END CONNECTION & WELDING PARAMETERS		
REACH EC 1907/2006 in the current versions	Finger joint	Butt welding (heating sword)	
EC 1935/2004 in the current versions		Heating plate temperature	Heating paddle temperature
Surface resistance to ground according to IEC61340-2-3 / EN61340-5-1	150/165 °C		
FDA (Food and Drug Administration)	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 - 04/2025

## 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.



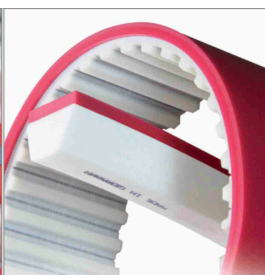
Monolithic conveyor belts made of PU and TPE



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