**Technical datasheet** 

## **UU E08.14 FFQ FG**

Article code: FBUU054569



General information	
Product group	High performance flat belts
Product sub type	QuickSplice
Industry segment	General industry; Paper & print; Pharmaceutical
Main product feature	Low friction surface, Foodgrade
Application	General conveying

Belt construction		
Tension member		Polyester fabric
Top side	material	Polyurethane
	finish	Fine
	color	Royal blue
Bottom / Pulley side	material	Polyurethane
	finish	Fine
	color	Royal blue

Characteristics		
Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA
Antistatic (AS)	yes	ISO 284
High conductive (HC)	no	
ATEX approval	no	

Technical data						
Belt thickness	ISO 2286-3		1.4	mm	0.06	in.
Weight	ISO 290703-1		1.35	kg/m²	0.28	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	8	N/mm	45.68	lbs/in.
	ISO 527	static	13	N/mm	74.23	lbs/in.
Recommended elongation		from / to	0.5 / 1.5	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,2	μ		
		top side to steel	0,2	μ		
Minimum pulley diameter	flexing		20	mm	0.79	in.
	back flexing		20	mm	0.79	in.
Operating temperature	continuous	from / to	0 / 60	°C	32 / 140	°F
Belt width	standard		1200	mm	47.24	in.

Fabrication	
Recommended splice method	QuickSplice110
Alternative splice method *	QuickSplice50

## **Additional Information**

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ.

 $Consult \ our \ specialists \ for \ further \ instructions \ regarding \ joining, \ storage \ \& \ maintenance, \ tracking \ \& \ tensioning.$ 

 $Consult\ our\ specialists\ for\ calculations\ with\ our\ E-RappCalc @\ technical\ calculation\ program.$ 

\*\* NOTE: 50 mm fingers only possible, if not used in tangential and rollerdrive application.

Our material, as well as the packaging, must be disposed of in a professional and environmentally friendly manner.

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