**Technical datasheet** 

## **UU N10 RFQ MD FG**

Article code: FBUU054800



General information	
Product group	High performance flat belts
Product sub type	QuickSplice
Industry segment	Food
Main product feature	Elastic, Foodgrade, Metal detectable
Application	General conveying, Check weigher, Metal detecting
Indication of use	Bi-directional

Belt construction		
Top side	material	Polyurethane
	finish	Fine
	color	Dark blue
Bottom / Pulley side	material	Polyurethane
	finish	Rough
	color	Dark blue

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

Technical data						
Belt thickness	ISO 2286-3		1	mm	0.04	in.
	tolerance +/-		0.1	mm	0	in.
Weight	ISO 290703-1		1.65	kg/m²	0.34	lbs/ft²
Force at 6% elongation	ISO 21181	dynamic	1	N/mm	5.71	lbs/in.
	ISO 527	static	1.4	N/mm	7.99	lbs/in.
Recommended elongation		min. / max.	0.5 / 6	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,2	μ		
		top side to steel	0,2	μ		
Minimum pulley diameter	flexing		15	mm	0.59	in.
	back flexing		15	mm	0.59	in.
Operating temperature	continuous	from / to	-10 / 60	°C	14 / 140	°F
Belt width	standard		1200	mm	47.24	in.

Fabrication	
Recommended splice method	QuickSplice30
Alternative splice method	OverlapSplice3

## **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.

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

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