**Technical datasheet** 

## **GG E08.20 RRQ**



Article code: FBGG054614

General information					
Product group	High performance flat belts				
Product sub type	QuickSplice				
Industry segment	Logistics; Textile				
Main product feature	Abrasion resistant, High grip				
Application	Roller drives, Yarn spinning, Twisting				
Indication of use	Bi-directional				
Belt construction					
Tension member	Polyester fabric				
Top side	material	XNBR elastomer			
	finish	Rough			
	color	blue			
Bottom / Pulley side	material	material XNBR elastomer			
	finish	Rough			
	color	black			
Characteristics					
Food Grade (FG)	no				
Antistatic (AS)	yes				
High conductive (HC)	no				
Technical data					
Belt thickness	ISO 2286-3			2 mm	0.08 in.
Weight	ISO 290703-1			2.2 kg/m <sup>2</sup>	0.45 lbs/ft <sup>2</sup>
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	0.5/2%	
Coefficient of friction, dynamic	ISO 21182		bottom side to steel	0,6	
			top side to steel	0,6	
Minimum pulley diameter	flexing			25 mm	0.98 in.
	back flexing			25 mm	0.98 in.
Operating temperature			from / to	0 / 60 °C	32 / 140 °F
Belt width	standard			570 mm	22.44 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.

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