

# GG E18.30 RFQ

Article code: FBGG054668

## General information

<b>Product group</b>	High performance flat belts
<b>Product sub type</b>	QuickSplice
<b>Industry segment</b>	Logistics; Textile
<b>Main product feature</b>	Abrasion resistant, High grip
<b>Application</b>	Roller drives, Yarn spinning, Twisting
<b>Indication of use</b>	Bi-directional

## Belt construction

<b>Tension member</b>		Polyester fabric
<b>Top side</b>	<b>material</b>	XNBR elastomer
	<b>finish</b>	Fine
	<b>color</b>	blue
<b>Bottom / Pulley side</b>	<b>material</b>	XNBR elastomer
	<b>finish</b>	Rough
	<b>color</b>	black

## Characteristics

<b>Food Grade (FG)</b>	no	
<b>Antistatic (AS)</b>	yes	ISO 284
<b>High conductive (HC)</b>	no	
	no	

## Technical data

<b>Belt thickness</b>	ISO 2286-3		3 mm	0.12 in.
	tolerance	±	0.1 mm	0 in.
<b>Weight</b>	ISO 290703-1		3.1 kg/m <sup>2</sup>	0.63 lbs/ft <sup>2</sup>
<b>Force at 1% elongation</b>	ISO 21181	dynamic	18 N/mm	102.78 lbs/in.
<b>Recommended elongation</b>		from / to	0.5 / 1.5 %	
<b>Coefficient of friction, dynamic</b>	ISO 21182	bottom side to steel	0,6 μ	
		top side to steel	0,5 μ	
<b>Minimum pulley diameter</b>	flexing		60 mm	2.36 in.
	back flexing		60 mm	2.36 in.
<b>Operating temperature</b>		from / to	0 / 60 °C	32 / 140 °F
<b>Belt width</b>	standard		570 mm	22.44 in.

## Fabrication

<b>Recommended splice method</b>	QuickSplice110
<b>Alternative splice method *</b>	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.