

GG E05.14 FFQ

Article code: FBGG054607



General information

Product group	High performance flat belts
Product sub type	QuickSplice
Industry segment	Postal automation; Paper & print
Main product feature	Abrasion resistant, High grip
Application	Mail handling, Paper processing, Printing & finishing
Indication of use	Bi-directional, High efficient rubber cover

Belt construction

Tension member		Polyester fabric
Top side	material	XNBR elastomer
	finish	Fine
	color	green
Bottom / Pulley side	material	XNBR elastomer
	finish	Fine
	color	black

Characteristics

Food Grade (FG)	no	
Anti-static (AS)	yes	
High conductive (HC)	no	

Technical data

Belt thickness	according to ISO 2286-3		1.4 mm	0.06 in.
Belt thickness tolerance		±	0.1 mm	0 in.
Weight	according to ISO 290703-1		1.5 kg/m ²	0.31 lbs/ft ²
Force at 1% elongation	according to ISO 21181	dynamic	5 N/mm	28.55 lbs/in.
	according to ISO 527	static	6.9 N/mm	39.4 lbs/in.
Recommended elongation		min./max.	0.5 / 2 %	
Coefficient of friction, dynamic	according to ISO 21182	bottom side to steel	0.5	
		top side to steel	0.5	
Minimum pulley diameter	flexing		25 mm	0.98 in.
	back flexing		25 mm	0.98 in.
Operating temperature	continuous	from/to	0 / 60 °C	32 / 140 °F
Belt width	standard		570 mm	22.44 in.

Fabrication

Recommended splice method	QuickSplice50
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Additional Information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F) and 65% relative humidity, 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.