

PG E05.12 SFQ

Article code: FBPG054630

General information

Product group	High performance flat belts
Product sub type	QuickSplice
Industry segment	Paper & print; Postal automation
Main product feature	Abrasion resistant, High grip, Low friction surface
Application	Paper processing, Printing & finishing, Mail handling
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	Thermoplastic elastomer
	finish	smooth
	color	black

Characteristics

Food Grade (FG)	no	
Antistatic (AS)	yes	ISO 284
High conductive (HC)	no	
ATEX approval	no	

Technical data

Belt thickness	ISO 2286-3		1.2 mm	0.05 in.
	tolerance +/-		0.1 mm	0 in.
Weight	ISO 290703-1		1.2 kg/m ²	0.25 lbs/ft ²
Force at 1% elongation	ISO 21181	dynamic	5 N/mm	28.55 lbs/in.
Recommended elongation		min. / max.	0.5 / 2 %	
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,2 μ	
		top side to steel	0,5 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		480 mm	18.9 in.

Fabrication

Recommended splice method	QuickSplice50
Alternative splice method	QuickSplice30

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.