

## PG E05.12 SFQ

Article code: FBPG054630

### General information

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

### Belt construction

<b>Tension member</b>		Polyester fabric
<b>Top side</b>	<b>material</b>	XNBR elastomer
	<b>finish</b>	Fine
	<b>color</b>	green
<b>Bottom / Pulley side</b>	<b>material</b>	Thermoplastic elastomer
	<b>finish</b>	smooth
	<b>color</b>	black

### Characteristics

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

### Technical data

<b>Belt thickness</b>	ISO 2286-3		1.2 mm	0.05 in.
	tolerance +/-		0.1 mm	0 in.
<b>Weight</b>	ISO 290703-1		1.2 kg/m <sup>2</sup>	0.25 lbs/ft <sup>2</sup>
<b>Force at 1% elongation</b>	ISO 21181	dynamic	5 N/mm	28.55 lbs/in.
<b>Recommended elongation</b>		min. / max.	0.5 / 2 %	
<b>Coefficient of friction, dynamic</b>	ISO 21182	bottom side to steel	0,2 μ	
		top side to steel	0,5 μ	
<b>Minimum pulley diameter</b>	flexing		20 mm	0.79 in.
	back flexing		20 mm	0.79 in.
<b>Operating temperature</b>	continuous	from / to	0 / 60 °C	32 / 140 °F
<b>Belt width</b>	standard		480 mm	18.9 in.

### Fabrication

<b>Recommended splice method</b>	QuickSplice50
<b>Alternative splice method</b>	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.