**Technical datasheet** 

## **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/m²	0.25	lbs/ft²
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.

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.