**Technical datasheet** 

## **GG S04.40 RRC FG**

Article code: FBGG054784



General information	
Product group	High performance flat belts
Product sub type	Classic
Industry segment	Container & packaging; Carton & boxes
Main product feature	High grip, Shock absorbing, Foodgrade
Application	Boxfolding
Indication of use	High efficient rubber cover

## **Belt construction**

Characteristic

Tension member		Polyamide foil
Top side	material	XNBR elastomer
	finish	Rough
	color	grey
Bottom / Pulley side	material	XNBR elastomer
	finish	Rough
	color	grey

characteristics		
Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA
Antistatic (AS)	yes	ISO 284
High conductive (HC)	no	
ATEX approval	no	

Technical data						
Belt thickness	ISO 2286-3		4	mm	0.16	in.
Belt thickness		±	0.2	mm	0.01	in.
Weight	ISO 290703-1		3.1	kg/m²	0.63	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	4	N/mm	22.84	lbs/in.
Recommended elongation *		from / to	0.6 / 1	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,6	μ		
		top side to steel	0,6	μ		
Minimum pulley diameter	flexing		30	mm	1.18	in.
	back flexing		30	mm	1.18	in.
Operating temperature		from / to	0 / 80	°C	32 / 176	٩F
Belt width	standard		570	mm	22.44	in.

## Fabrication

Recommended splice method

WedgeSkive75D-2.8+

## **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: For other application(s) an elongation of 2.0 - 3.0% possible.

Our material, as well as the packaging, must be disposed of in a professional and environmentally friendly manner.

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