Technical datasheet

GG S06.40 RRC FG

Article code: FBGG054781



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		
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		
High conductive (HC)	no		

Technical data						
Belt thickness	ISO 2286-3		4	mm	0.16	in.
Weight	ISO 290703-1		4.4	kg/m²	0.9	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	6	N/mm	34.26	lbs/in.
Recommended elongation *		from / to	0.6 / 1	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,6			
		top side to steel	0,6			
Minimum pulley diameter	flexing		40	mm	1.57	in.
	back flexing		40	mm	1.57	in.
Operating temperature		from / to	0 / 80	°C	32 / 176	°F
Belt width	standard		570	mm	22.44	in.

Fabrication	
Recommended splice method	WedgeSkive75D-2.8+

Fabrication

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.

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