

GG S04.30 RRC FG

Article code: FBGG054783

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	ISO 284
High conductive (HC)	no	
ATEX approval	no	

Technical data

Belt thickness	ISO 2286-3		3 mm	0.12 in.
Belt thickness		±	0.2 mm	0.01 in.
Weight	ISO 290703-1		3.1 kg/m ²	0.63 lbs/ft ²
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		25 mm	0.98 in.
	back flexing		25 mm	0.98 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+
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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.