Technical datasheet

GG S04.14 RRC



Article code: FBGG054731

General information	
Product group	High performance flat belts
Product sub type	Classic
Industry segment	Paper & print; Postal automation
Main product feature	Abrasion resistant, Shock absorbing
Application	Mail handling, Paper processing, Tube winders
Indication of use	High efficient rubber cover

Belt construction

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

Characteristics	
Food Grade (FG)	no
Antistatic (AS)	yes
High conductive (HC)	no

Technical data						
Belt thickness	ISO 2286-3		1.4	mm	0.06	in.
Weight	ISO 290703-1		1.5	kg/m²	0.31	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	4	N/mm	22.84	lbs/in.
Recommended elongation		from / to	2/3	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,6			
		top side to steel	0,6			
Minimum pulley diameter	flexing		20	mm	0.79	in.
	back flexing		20	mm	0.79	in.
Operating temperature	continuous	from / to	0 / 80	°C	32 / 176	°F
Belt width	standard		570	mm	22.44	in.
Fabrication						
Recommended splice method	WedgeSkive75D-0.5-1.4					
Alternative splice method	WedgeSkive90D-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.

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