Technical datasheet

GG S11.50 RRC

Article code: FBGG054278

General information

Product group	High performance flat belts
Product sub type	Classic
Industry segment	Paper & print
Main product feature	Shock absorbing
Application	Tube winders
Indication of use	High efficient rubber cover

Belt construction

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

Characteristics

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

Technical data

Belt thickness	ISO 2286-3		5	mm	0.2	in.
Weight	ISO 290703-1		5.7	kg/m²	1.17	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	11	N/mm	62.81	lbs/in.
Recommended elongation		min. / max.	2 / 3	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,6			
		top side to steel	0,6			
Minimum pulley diameter	flexing		80	mm	3.15	in.
	back flexing		80	mm	3.15	in.
Operating temperature	continuous	from / to	0 / 80	°C	32 / 176	°F
Belt width	standard		570	mm	22.44	in.

Fabrication

Recommended splice method	WedgeSkive90D-2.8+
Alternative 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.

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