Technical datasheet

GG N27 RFQ

Article code: FBGG054608

General information

Product group	High performance flat belts
Product sub type	QuickSplice
Industry segment	Paper & print; Postal automation
Main product feature	Elastic
Application	Paper processing, Printing & finishing, Mail handling
Indication of use	Bi-directional, High efficient rubber cover

Belt construction

Tension member		Thermoplastic elastomer
Top side	**material**	XNBR elastomer
	finish	Fine
	color	blue
Bottom / Pulley side	**material**	XNBR elastomer
	finish	Rough
	color	black

Characteristics

Food Grade (FG)	no	
Antistatic (AS)	yes	ISO 284
High conductive (HC)	yes	ISO 284 (bottom side only)
	no	

Technical data

Belt thickness	DIN EN ISO 2286-3		1.7	mm	0.07	in.
	tolerance	±	0.1	mm	0	in.
Weight	ISO 290703-1		1.65	kg/m²	0.34	lbs/ft²
Force at 6% elongation	DIN EN ISO 21181	dynamic	2.7	N/mm	15.42	lbs/in.
	DIN EN ISO 527	static	3.7	N/mm	21.13	lbs/in.
Recommended elongation		min. / max.	0.5 / 8	%		
Coefficient of friction, dynamic	DIN EN ISO 21182	bottom side to steel	0,6	µ		
		top side to steel	0,5	µ		
Minimum pulley diameter	flexing		15	mm	0.59	in.
	back flexing		15	mm	0.59	in.
Operating temperature	continuous	from / to	0 / 60	°C	32 / 140	°F
Belt width	standard		570	mm	22.44	in.

Fabrication

QuickSplice30

ButtSplice75

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.
Our material, as well as the packaging, must be disposed of in a professional and environmentally friendly manner.
This item contain the following substance included on the candidate list according to article 59 (1, 10) of Regulation (EC) No 1907/2006 „REACH" in a concentration above 0.1 % weight by weight: 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol [119-47-1]

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