Technical datasheet

UU N06 RFQ FG

Article code: FBUU054532

Ammeraal Beltech
Innovation & Service in Belting

General information

Product group	High performance flat belts
Product sub type	QuickSplice
Industry segment	Food, Logistics; Paper & print
Main product feature	Elastic, Foodgrade
Application	General conveying, Mail handling, Paper processing, Printing & finishing
Indication of use	Bi-directional

Belt construction

Tension member		Polyurethane
Top side	**material**	Polyurethane
	finish	Fine
	color	Royal blue
Bottom / Pulley side	**material**	Polyurethane
	finish	Rough
	color	black

Characteristics

Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA
Antistatic (AS)	yes	ISO 284
High conductive (HC)	yes	ISO 284 (bottom side only)
ATEX approval	no	

Technical data

Belt thickness	ISO 2286-3		0.8	mm	0.03	in.
	tolerance +/-		0.05	mm	0	in.
Weight	ISO 290703-1		0.9	kg/m²	0.18	lbs/ft²
Force at 6% elongation	ISO 21181	dynamic	0.6	N/mm	3.43	lbs/in.
	ISO 527	static	1.3	N/mm	7.42	lbs/in.
Recommended elongation		min. / max.	0.5 / 6	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,2	μ		
		top side to steel	0,2	μ		
Minimum pulley diameter	flexing		6	mm	0.24	in.
	back flexing		6	mm	0.24	in.
Operating temperature	continuous	from / to	-10 / 60	°C	14 / 140	°F
Belt width	standard		1200	mm	47.24	in.

Fabrication

Recommended splice method	QuickSplice30
Alternative splice method	OverLapSplice3

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.

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