Technical datasheet

UU N12 RFQ FG

Article code: FBUU054533

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	
High conductive (HC)	no	

Technical data

Belt thickness	ISO 2286-3			1.15	mm	0.05	in.
Weight	ISO 290703-1			1.35	kg/m²	0.28	lbs/ft²
Force at 6% elongation	ISO 21181	dynamic		1.2	N/mm	6.85	lbs/in.
	ISO 527	static		1.75	N/mm	9.99	lbs/in.
Recommended elongation		min. / max.		0.5 / 6	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel		0,2			
		top side to steel		0,2			
Minimum pulley diameter	flexing			15	mm	0.59	in.
	back flexing			15	mm	0.59	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

Fabrication

QuickSplice30

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.