

UU A80.45 RRQ

Article code: FBUE054567

General information

Product group	High performance flat belts
Product sub type	QuickSplice
Industry segment	Logistics
Main product feature	Low friction surface
Application	Roller drives
Indication of use	Bi-directional

Belt construction

Tension member		Aramide fabric
Top side	material	Polyurethane
	finish	Rough
	color	black
Bottom / Pulley side	material	Polyurethane
	finish	Rough
	color	black

Characteristics

Food Grade (FG)	no	
Antistatic (AS)	yes	ISO 284
High conductive (HC)	no	
ATEX approval	no	

Technical data

Belt thickness	ISO 2286-3		4.5 mm	0.18 in.
	tolerance +/-		0.3 mm	0.01 in.
Weight	ISO 290703-1		5.1 kg/m ²	1.04 lbs/ft ²
Force at 1% elongation	ISO 21181	dynamic	80 N/mm	456.81 lbs/in.
	ISO 527	static	88 N/mm	502.49 lbs/in.
Recommended elongation		min. / max.	1 / 0.3 %	
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,2 μ	
		top side to steel	0,2 μ	
Minimum pulley diameter	flexing		150 mm	5.91 in.
	back flexing		150 mm	5.91 in.
Operating temperature	continuous	from / to	0 / 60 °C	32 / 140 °F
Belt width	standard		570 mm	22.44 in.

Fabrication

Recommended splice method	QuickSplice110
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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.