

GG E10.55 RRQ FG

Article code: FBGG054662



General information

Product group	High performance flat belts
Product sub type	QuickSplice
Industry segment	Container & packaging; Carton & boxes
Main product feature	High grip, Energy saving, Foodgrade
Application	Boxfolding
Indication of use	High efficient rubber cover

Belt construction

Tension member		Polyester fabric
Top side	material	XNBR elastomer
	finish	Rough
	color	grey
Bottom / Pulley side	material	XNBR elastomer
	finish	Rough
	color	grey

Characteristics

Food Grade (FG)	yes	According: FDA; EC 1935/2004, EU 10/2011
Anti-static (AS)	yes	
High conductive (HC)	no	

Technical data

Belt thickness	according to ISO 2286-3		5.5 mm	0.22 in.
Belt thickness tolerance		±	0.2 mm	0.01 in.
Weight	according to ISO 290703-1		6.1 kg/m ²	1.25 lbs/ft ²
Force at 1% elongation	according to ISO 21181	dynamic	10 N/mm	57.1 lbs/in.
	according to ISO 527	static	12 N/mm	68.52 lbs/in.
Recommended elongation		min./max.	0.4 / 0.6 %	
Coefficient of friction, dynamic	according to ISO 21182	bottom side to steel	0.6	
		top side to steel	0.6	
Minimum pulley diameter	flexing		60 mm	2.36 in.
	back flexing		60 mm	2.36 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) and 65% relative humidity, 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.