

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	EC 1935/2004, EU 10/2011; FDA
Antistatic (AS)	yes	ISO 284
High conductive (HC)	no	
ATEX approval	no	

Technical data

Belt thickness	ISO 2286-3		5.5 mm	0.22 in.
	tolerance +/-		0.2 mm	0.01 in.
Weight	ISO 290703-1		6.1 kg/m ²	1.25 lbs/ft ²
Force at 1% elongation	ISO 21181	dynamic	10 N/mm	57.1 lbs/in.
	ISO 527	static	12 N/mm	68.52 lbs/in.
Recommended elongation		min. / max.	0.4 / 0.6 %	
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,6 μ	
		top side to steel	0,6 μ	
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
Alternative splice method	QuickSplice50

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.