Technical datasheet

TG E04.12 RQ

Article code: FBTG054624



General information	
Product group	High performance flat belts
Product sub type	QuickSplice
Industry segment	Paper & print; Postal automation
Main product feature	Abrasion resistant, High grip
Application	Paper processing, Printing & finishing, Mail handling
Indication of use	Bi-directional, High efficient rubber cover

Belt construction		
Tension member		Polyester fabric
Top side	material	XNBR elastomer
	finish	Rough
	color	green
Bottom / Pulley side	material	Polyester fabric
	finish	Fabric textured
	color	green

Characteristics		
Food Grade (FG)	no	
Antistatic (AS)	no	
High conductive (HC)	no	

Technical data						
Belt thickness	ISO 2286-3		1.3	mm	0.05	in.
Weight	ISO 290703-1		1.25	kg/m²	0.26	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	4	N/mm	22.84	lbs/in.
	ISO 527	static	9	N/mm	51.39	lbs/in.
Recommended elongation		min. / max.	0.5 / 2	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,1			
		top side to steel	0,6			
Minimum pulley diameter	flexing		15	mm	0.59	in.
	back flexing		15	mm	0.59	in.
Operating temperature	continuous	from / to	0 / 60	°C	32 / 140	°F
Belt width	standard		570	mm	22.44	in.

Fabrication	
Recommended splice method	QuickSplice50

Fabrication

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.

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