

TG E10.20 P5C

Article code: FBTG055141

General information

Product group	High performance flat belts
Product sub type	StepSplice
Industry segment	General industry
Main product feature	Oil & grease resistant, Heat resistant, Cut resistant
Application	General conveying

Belt construction

Tension member		Polyester fabric
Top side	material	NBR elastomer
	finish	P5 Fabric structure profile
	color	white
Bottom / Pulley side	material	Polyester fabric
	finish	Fabric textured
	color	transparent

Characteristics

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

Technical data

Belt thickness	ISO 2286-3		2 mm	0.08 in.
Weight	ISO 290703-1		1.9 kg/m ²	0.39 lbs/ft ²
Force at 1% elongation	ISO 21181	dynamic	10 N/mm	57.1 lbs/in.
Recommended elongation		from / to	0.2 / 0.6 %	
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,15 μ	
		top side to steel	0,7 μ	
Minimum pulley diameter	flexing		60 mm	2.36 in.
	back flexing		60 mm	2.36 in.
Operating temperature	continuous	from / to	0 / 80 °C	32 / 176 °F
Belt width	standard		1500 mm	59.06 in.

Fabrication

Recommended splice method	StepSplice
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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.