Technical datasheet

TG P04.20 RC

Article code: FBTG054265

General information

Product group	High performance flat belts
Product sub type	Classic
Industry segment	General industry
Main product feature	Heat resistant, Wear resistant, Oil & grease resistant
Application	General conveying, In/declined conveying, Paper processing
Indication of use	High efficient NBR cover

Belt construction

Tension member		Polyamide fabric
Top side	**material**	NBR elastomer
	finish	Rough
	color	green
Bottom / Pulley side	**material**	Polyamide fabric
	finish	Fabric textured
	color	black

Characteristics

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

Technical data

Belt thickness	DIN EN ISO 2286-3		2	mm	0.08	in.
	tolerance	±	0.1	mm	0	in.
Weight	ISO 290703-1		2	kg/m²	0.41	lbs/ft²
Force at 1% elongation	DIN EN ISO 21181	dynamic	3.8	N/mm	21.7	lbs/in.
Recommended elongation		min. / max.	0.2 / 0.6	%		
Coefficient of friction, dynamic	DIN EN ISO 21182	bottom side to steel	0,15	µ		
		top side to steel	0,55	µ		
Minimum pulley diameter	flexing		25	mm	0.98	in.
	back flexing		25	mm	0.98	in.
Operating temperature	continuous	from / to	0 / 80	°C	32 / 176	°F
Belt width	standard		1200	mm	47.24	in.

Fabrication

WedgeSkive75D-1.5-2.8

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.

This item contain the following substance included on the candidate list according to article 59 (1, 10) of Regulation (EC) No 1907/2006 „REACH" in a concentration above 0.1 % weight by weight: 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol [119-47-1]

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