

GT P02.05 SC

Article code: FBGT545480

General information

Product group	High performance flat belts
Product sub type	Classic
Industry segment	Textile
Main product feature	Abrasion resistant, Energy saving
Application	Spindle tape

Belt construction

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

Characteristics

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

Technical data

Belt thickness	ISO 2286-3		0.55 mm	0.02 in.
	tolerance +/-		0.1 mm	0 in.
Weight	ISO 290703-1		0.56 kg/m ²	0.11 lbs/ft ²
Force at 1% elongation	ISO 21181	dynamic	1.9 N/mm	10.85 lbs/in.
	ISO 527	static	4 N/mm	22.84 lbs/in.
Recommended elongation		min. / max.	0.5 / 2 %	
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,5 μ	
		top side to steel	0,2 μ	
Minimum pulley diameter	flexing		10 mm	0.39 in.
	back flexing		10 mm	0.39 in.
Operating temperature	continuous	from / to	0 / 80 °C	32 / 176 °F
Belt width	standard		600 mm	23.62 in.

Fabrication

Recommended splice method	WedgeSkive75D-0.5-1.4
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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.