**Technical datasheet** 

## **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/m²	0.11	lbs/ft²
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

## **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.

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