

## GT P02.05 SC

ArticleNo. 54980

FBGT054980

### General information

Product group	High Performance Flat Belts
Product sub type	Classic
Industry segment(s)	Textile, Logistics
Application(s)	Spindle tape
Main product feature(s)	Abrasion resistant, Energy saving
Indication(s) of use	-

### Belt construction

Top side	material	Mixed fabric
	finish	Fabric texture
	color	Black
Tension member		Polyamide fabric
Bottom side / Pulley side	material	NBR elastomer
	finish	Smooth
	color	Green

### Characteristics

Food Grade	NO
Antistatic (AS)	YES
High conductive (HC)	NO
ATEX	NO

### Technical belt data

Belt thickness	DIN EN ISO 2286-3	0.6 mm
Belt thickness tolerance	+/-	0.1 mm
Weight	DIN EN ISO 290703-1	0.6 kg/m <sup>2</sup>
Force at 1 % elongation static	DIN EN ISO 21181	4.0 N/mm
Force at 1 % elongation dynamic	DIN EN ISO 21181	1.6 N/mm
Recommended elongation	from/to	0.5 / 2.0 %
Coefficient of friction, bottom (pulley) side to steel, dynamic	DIN EN ISO 21182	0.6 μ
Coefficient of friction, top side to steel, dynamic	DIN EN ISO 21182	0.2 μ
Min. pulley diameter	flexing	10 mm
	back flexing	10 mm
Temperature range	from/to	+0 / +80 °C
Standard sales width		600.0 mm

### Endless method

Recommended splice method	WedgeSkive75D-0.5-1.4
Alternative splice method	-

### Additional information

The information applies at approx. 20°C/68°F and 65% relative humidity.

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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