

TG P03.12 FC

ArticleNo. 54525

FBTG054525

General information

Product group	High Performance Flat Belts
Product sub type	Classic
Industry segment(s)	Paper & Print, Postal Automation
Application(s)	General conveying, In/declined conveying, Paper processing
Main product feature(s)	Heat resistant, Wear resistant, Oil & grease resistant
Indication(s) of use	-

Belt construction

Top side	material	XNBR elastomer
	finish	Fine
	color	Green
Tension member		Polyamide fabric
Bottom side / Pulley side	material	Polyamide fabric
	finish	Fabric texture
	color	Black

Characteristics

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

Technical belt data

Belt thickness	DIN EN ISO 2286-3	1.3 mm
Belt thickness tolerance	+/-	0.1 mm
Weight	DIN EN ISO 290703-1	1.2 kg/m ²
Force at 1 % elongation static	DIN EN ISO 21181	- N/mm
Force at 1 % elongation dynamic	DIN EN ISO 21181	3.0 N/mm
Recommended elongation	from/to	0.2 / 0.6 %
Coefficient of friction, bottom (pulley) side to steel, dynamic	DIN EN ISO 21182	0.2 μ
Coefficient of friction, top side to steel, dynamic	DIN EN ISO 21182	0.5 μ
Min. pulley diameter	flexing	25 mm
	back flexing	25 mm
Temperature range	from/to	+0 / +80 °C
Standard sales width		300/600/1200 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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