

TT S04.12 C

Article code: FBTT054751

General information

Product group	High performance flat belts
Product sub type	Classic
Industry segment	General industry
Main product feature	Low friction surface, Laterally stable
Application	General conveying

Belt construction

Tension member		Polyamide foil
Top side	material	Polyamide fabric
	finish	Fabric textured
	color	blue
Bottom / Pulley side	material	Polyamide fabric
	finish	Fabric textured
	color	blue

Characteristics

Food Grade (FG)	no
Antistatic (AS)	yes
High conductive (HC)	no

Technical data

Belt thickness	ISO 2286-3		1.2 mm	0.05 in.
Weight	ISO 290703-1		1.15 kg/m ²	0.24 lbs/ft ²
Force at 1% elongation	ISO 21181	dynamic	4 N/mm	22.84 lbs/in.
	ISO 527	static	16.5 N/mm	94.22 lbs/in.
Recommended elongation		min. / max.	2 / 3 %	
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,15	
		top side to steel	0,15	
Minimum pulley diameter	flexing		20 mm	0.79 in.
	back flexing		20 mm	0.79 in.
Operating temperature	continuous	from / to	0 / 80 °C	32 / 176 °F
Belt width	standard		570 mm	22.44 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.