Technical datasheet

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	ISO 284
High conductive (HC)	no	
ATEX approval	no	

Technical data						
Belt thickness	ISO 2286-3		1.2	mm	0.05	in.
	tolerance +/-		0.1	mm	0	in.
Weight	ISO 290703-1		1.15	kg/m²	0.24	lbs/ft²
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	μ		
		top side to steel	0,15	μ		
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

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.

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.