Technical datasheet

S04 C

Article code: FBSF054501



Product group Product sub type	High performance flat belt	5		
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	Classic			
Industry segment	General industry			
Belt construction				
Tension member		Polyamide foil		
Top side	material	Polyamide foil		
	finish	smooth		
	color	transparent		
Bottom / Pulley side	material	Polyamide foil		
	finish	smooth		
	color	transparent		
Characteristics				
Food Grade (FG)	no			
Antistatic (AS)	no			
High conductive (HC)	no			
ATEX approval	no			
Technical data				
Belt thickness	ISO 2286-3		0.42 mm	0.02 in.
Weight	ISO 290703-1		0.5 kg/m ²	0.1 lbs/ft ²
Force at 1% elongation	ISO 21181	dynamic	4 N/mm	22.84 lbs/in.
Recommended elongation	100	from / to	2/3%	
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,1 μ	
		top side to steel	0,1 μ	
Minimum pulley diameter	flexing		30 mm	1.18 in.
. ,	back flexing		30 mm	1.18 in.
Operating temperature	continuous	from / to	0 / 80 °C	32 / 176 °F
Belt width	standard		630 mm	24.8 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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