Technical datasheet

S02 C

Article code: FBSF054500



General information					
Product group	High performance flag	High performance flat belts			
Product sub type	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					
	100 2206 2		0.22	0.01	
Belt thickness	ISO 2286-3		0.22 mm	0.01	
Weight	ISO 290703-1	d manufa	0.3 kg/m ²		lbs/ft ²
Force at 1% elongation	ISO 21181	dynamic	2 N/mm	11.42	lbs/in.
Recommended elongation	100 21102	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		20 mm	0.79	
	back flexing		20 mm	0.79	
Operating temperature	continuous	from / to	0 / 80 °C	32 / 176	
Belt width	standard		630 mm	24.8	ın.
Fabrication					
Recommended splice method	WedgeSkive75D-0.5-	1 /			
Recommended spice method	weugeskive/JD-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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