**Technical datasheet** 

## **S07 C**

Article code: FBSF054503



General information						
Product group	High performance flat	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						
Belt thickness	ISO 2286-3		0.75 mm	0.03	in	
Weight	ISO 2200 J		0.8 kg/m <sup>2</sup>		lbs/ft <sup>2</sup>	
Force at 1% elongation	ISO 21181	dynamic	7.5 N/mm	42.83		
Recommended elongation	100 21101	from / to	2/3%	12105	1007111	
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,1 μ			
		top side to steel	0,1 μ			
Minimum pulley diameter	flexing		50 mm	1.97	in.	
	back flexing		50 mm	1.97		
Operating temperature	continuous	from / to	0 / 80 °C	32 / 176		
Belt width	standard		630 mm	24.8		
Fabrication						
Recommended splice method	WedgeSkive75D-0.5-1.4	ł				

## **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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