**Technical datasheet** 

## TG S09.40 RC

Article code: FBTG054717



570 mm

General information					
Product group	High performance flat belts				
Product sub type	Classic				
Industry segment	General industry				
Main product feature	Abrasion resistant, Shock ab	Abrasion resistant, Shock absorbing			
Application	General conveying				
Indication of use	High efficient rubber cover	High efficient rubber cover			
Belt construction					
Tension member		Polyamide foil			
Top side	material	TNBR elastomer			
	finish	Rough			
	color	grey			
Bottom / Pulley side	material	Polyamide fabric			
	finish	Fabric textured			
	color	Royal blue			
Characteristics					
Food Grade (FG)	no				
Antistatic (AS)	yes				
High conductive (HC)	no				
Technical data					
Belt thickness	ISO 2286-3		4 mm	0.16 in.	
Weight	ISO 290703-1		4.2 kg/m <sup>2</sup>	2 0.86 lbs/ft <sup>2</sup>	
Force at 1% elongation	ISO 21181	dynamic	9 N/mm	n 51.39 lbs/in.	
Recommended elongation		min. / max.	2/3%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,15		
		top side to steel	0,6		
Minimum pulley diameter	flexing		60 mm	2.36 in.	
	back flexing		60 mm	2.36 in.	
Operating temperature	continuous	from / to	0 / 80 °C	32 / 176 °F	

Fabrication

Belt width

**Recommended splice method** 

WedgeSkive75D-2.8+

standard

## Fabrication

WedgeSkive75D-2.8+

## 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.

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22.44 in.