**Technical datasheet** 

## **GT S02 RC**

Article code: FBGT054701



General information						
Product group	High performance flat belts					
Product sub type	Classic					
Industry segment	General industry					
Main product feature	Abrasion resistant, Shock absorbing					
Application	Power transmission					
Indication of use	High efficient rubber cover					
Belt construction						
Tension member		Polyamide foil				
Top side	material	Polyamide fabric				
	finish	Fabric textured				
	color	blue				
Bottom / Pulley side	material	XNBR elastomer				
	finish	Rough				
	color	grey				
Characteristics						
Food Grade (FG)	no					
Antistatic (AS)	yes					
High conductive (HC)	no					
Technical data						
Belt thickness	ISO 2286-3		1	mm	0.04	in.
Weight	ISO 290703-1		1	kg/m²	0.2	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	2	N/mm	11.42	lbs/in.
Recommended elongation		min. / max.	2/3	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,6			
		top side to steel	0,15			
Minimum pulley diameter	flexing		10	mm	0.39	in.
	back flexing		10	mm	0.39	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

## Fabrication

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.

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