

## GT S09 FC

Article code: FBGT054704

### General information

<b>Product group</b>	High performance flat belts
<b>Product sub type</b>	Classic
<b>Industry segment</b>	General industry
<b>Main product feature</b>	High grip, Flexible
<b>Application</b>	Power transmission
<b>Indication of use</b>	Special fine structured surface

### Belt construction

<b>Tension member</b>		Polyamide foil
<b>Top side</b>	<b>material</b>	Polyamide fabric
	<b>finish</b>	Fabric textured
	<b>color</b>	blue
<b>Bottom / Pulley side</b>	<b>material</b>	XNBR elastomer
	<b>finish</b>	Fine
	<b>color</b>	Royal blue

### Characteristics

<b>Food Grade (FG)</b>	no
<b>Antistatic (AS)</b>	yes
<b>High conductive (HC)</b>	no

### Technical data

<b>Belt thickness</b>	ISO 2286-3		1.9 mm	0.07 in.
<b>Weight</b>	ISO 290703-1		2.1 kg/m <sup>2</sup>	0.43 lbs/ft <sup>2</sup>
<b>Force at 1% elongation</b>	ISO 21181	dynamic	9 N/mm	51.39 lbs/in.
<b>Recommended elongation</b>		min. / max.	2 / 3 %	
<b>Coefficient of friction, dynamic</b>	ISO 21182	bottom side to steel	0,6	
		top side to steel	0,15	
<b>Minimum pulley diameter</b>	flexing		40 mm	1.57 in.
	back flexing		40 mm	1.57 in.
<b>Operating temperature</b>	continuous	from / to	0 / 80 °C	32 / 176 °F
<b>Belt width</b>	standard		570 mm	22.44 in.

### Fabrication

<b>Recommended splice method</b>	WedgeSkive75D-1.5-2.8
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### 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.