

# LT S27 C

Article code: FBLT054050

## 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>	Oil & grease resistant, Dusty environment
<b>Application</b>	Saw mills, Power transmission (crossed, cone drive)
<b>Indication of use</b>	Suitable for high start-up torques

## 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>	black
<b>Bottom / Pulley side</b>	<b>material</b>	Chrome leather
	<b>finish</b>	Ground quality
	<b>color</b>	grey

## Characteristics

<b>Food Grade (FG)</b>	no	
<b>Antistatic (AS)</b>	yes	ISO 284
<b>High conductive (HC)</b>	no	
<b>ATEX approval</b>	no	

## Technical data

<b>Belt thickness</b>	ISO 2286-3		5.1 mm	0.2 in.
	tolerance +/-		0.3 mm	0.01 in.
<b>Weight</b>	ISO 290703-1		5.6 kg/m <sup>2</sup>	1.15 lbs/ft <sup>2</sup>
<b>Force at 1% elongation</b>	ISO 21181	dynamic	27 N/mm	154.17 lbs/in.
<b>Recommended elongation</b>		min. / max.	2 / 3 %	
<b>Coefficient of friction, dynamic</b>	ISO 21182	bottom side to steel	0,25 μ	
		top side to steel	0,15 μ	
<b>Minimum pulley diameter</b>	flexing		350 mm	13.78 in.
	back flexing		350 mm	13.78 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-2.8+
<b>Alternative splice method</b>	WedgeSkive90D-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.

Our material, as well as the packaging, must be disposed of in a professional and environmentally friendly manner.