

## LT S11 C

Article code: FBLT054047



## General information

Product group	High performance flat belts
Product sub type	Classic
Industry segment	General industry
Main product feature	Oil & grease resistant, Dusty environment
Application	Saw mills, Power transmission (crossed, cone drive)
Indication of use	Suitable for high start-up torques

## Belt construction

Tension member		Polyamide foil
Top side	material	Polyamide fabric
	finish	Fabric textured
	color	black
Bottom / Pulley side	material	Chrome leather
	finish	Ground quality
	color	grey

## Characteristics

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

## Technical data

Belt thickness	ISO 2286-3		3 mm	0.12 in.
	tolerance +/-		0.3 mm	0.01 in.
Weight	ISO 290703-1		3 kg/m <sup>2</sup>	0.61 lbs/ft <sup>2</sup>
Force at 1% elongation	ISO 21181	dynamic	11 N/mm	62.81 lbs/in.
Recommended elongation		min. / max.	2 / 3 %	
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,25 μ	
		top side to steel	0,15 μ	
Minimum pulley diameter	flexing		100 mm	3.94 in.
	back flexing		100 mm	3.94 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-2.8+
Alternative splice method	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.