**Technical datasheet** 

## LL S09 C



Article code: FBLL054039

General information								
Product group	High performanc	High performance flat belts						
Product sub type	Classic	Classic						
Industry segment	General industry	General industry						
Main product feature	Oil & grease resi	Oil & grease resistant, Dusty environment						
Application	Saw mills, Power	Saw mills, Power transmission (crossed, cone drive)						
Indication of use	Suitable for high	Suitable for high start-up torques						
Belt construction								
Tension member		Polyamide foil						
Top side	material	Chrome leather						
	finish	Ground quality						
	color	grey						
Bottom / Pulley side	material	Chrome leather						
	finish	Ground quality						
	color	grey						
Characteristics								
Food Grade (FG)	no							
Antistatic (AS)	yes							
High conductive (HC)	no							
Technical data								
Belt thickness	ISO 2286-3			3.8	mm	0.15	in.	
Weight	ISO 290703-1			4	kg/m²	0.82	lbs/ft²	
Force at 1% elongation	ISO 21181		dynamic	9	N/mm	51.39	lbs/in.	
Recommended elongation			min. / max.	2 / 3	%			

bottom side to steel

top side to steel

from / to

0,25

0,25

90 mm

90 mm

570 mm

0/80 °C

**Recommended splice method** 

Coefficient of friction, dynamic

**Minimum pulley diameter** 

**Operating temperature** 

Belt width

Fabrication

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.

ISO 21182

back flexing

continuous

WedgeSkive75D-2.8+

standard

flexing

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3.54 in.

3.54 in.

22.44 in.

32/176 °F