**Technical datasheet** 

## LT S15 C

Article code: FBLT054048



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

## **Technical data Belt thickness** ISO 2286-3 0.14 in. 3.6 mm tolerance +/-0.3 mm 0.01 in. Weight ISO 290703-1 3.7 kg/m<sup>2</sup> 0.76 lbs/ft<sup>2</sup> Force at 1% elongation ISO 21181 dynamic 15 N/mm 85.65 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 150 mm 5.91 in. 5.91 in. back flexing 150 mm **Operating temperature** continuous from / to 0/80 °C 32 / 176 °F Belt width standard 570 mm 22.44 in.

## Fabrication

**ATEX** approval

**Recommended splice method** 

WedgeSkive75D-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  $\mathsf{E} ext{-RappCalc}$  technical calculation program.

no

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

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