Technical datasheet

## Silam ESF 20/3 01+01 (TPE) red AS HR NL

Article code: SBSI571370



General information	
Product group	Synthetic Belts
Industry segment	Tyre: Rubber mixing
Main product feature	Antistatic, High conductivity, Non logo, Non-stick
Indication of use	Rollers, Flat

Belt construction		
Tension layer		polyester, flexible
Number of plies		3
Top side	material	Silam, SI
	finish	impregnated fabric
	color	red
Bottom side	material	Silam, SI
	finish	impregnated fabric
	color	red

Characteristics			
Food Grade (FG)	no		
Antistatic (AS)	yes	ISO 21178	
High conductive (HC)	no		
Flame-retardant (FR)	no		
ATEX approval	no		

Technical data							
Hardness	ISO 868	top side	40A	Shore			
Force at 1% elongation (static)	ISO 21181		20	N/mm	114.2	lbs/in.	
Thickness	AB method KV.002	total	3.9	mm	0.15	in.	
		top cover	0.1	mm	0	in.	
Weight	AB method KV.004		4.4	kg/m²	0.9	lbs/ft²	
Minimum pulley diameter	flexing		150	mm	5.91	in.	
	backflexing		150	mm	5.91	in.	
Manufacturing width	standard		2500	mm	98.43	in.	
	maximum		2850	mm	112.2	in.	

## **Fabrication**

Hot splicing is always preferable. Glueing can only be done when the belt is exposed to normal temperature and the humidity is not excessive. For the working method, consult the splice information and the equipment literature. Apply the recommended splice as indicated in the seperate information.

## **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. We recommend to keep the belt tension to a practical working minimum to maximize the service life of the belt and machine parts.

Always protect belts from sunlight/UV-radiation, avoid temperatures below 10°C and above 40°C, dust and dirt. Store belts in a cool and dry place and if possible in their original packaging.

For details consult 'Storage and handling instructions' or contact our specialist.

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