

# TG E12.50 FC

Article code: FBTG056421

## General information

<b>Product group</b>	High performance flat belts
<b>Product sub type</b>	Classic
<b>Industry segment</b>	Container & packaging; Carton & boxes
<b>Main product feature</b>	Wear resistant, Oil & grease resistant, Heat resistant, Cut resistant
<b>Application</b>	Flexofolders

## Belt construction

<b>Tension member</b>		Polyester fabric
<b>Top side</b>	<b>material</b>	Natural rubber
	<b>finish</b>	Fine
	<b>color</b>	red
<b>Bottom / Pulley side</b>	<b>material</b>	Polyester fabric
	<b>finish</b>	Fabric textured
	<b>color</b>	black

## Characteristics

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

## Technical data

<b>Belt thickness</b>	ISO 2286-3		5 mm	0.2 in.
	tolerance +/-		0.3 mm	0.01 in.
<b>Weight</b>	ISO 290703-1		5 kg/m <sup>2</sup>	1.02 lbs/ft <sup>2</sup>
<b>Force at 1% elongation</b>	ISO 21181	dynamic	11 N/mm	62.81 lbs/in.
<b>Recommended elongation</b>		min. / max.	0.2 / 0.6 %	
<b>Coefficient of friction, dynamic</b>	ISO 21182	bottom side to steel	0,1 μ	
		top side to steel	0,9 μ	
<b>Minimum pulley diameter</b>	flexing		80 mm	3.15 in.
	back flexing		80 mm	3.15 in.
<b>Operating temperature</b>	continuous	from / to	0 / 80 °C	32 / 176 °F
<b>Belt width</b>	standard		1200 mm	47.24 in.

## Fabrication

<b>Recommended splice method</b>	WedgeSkive90D-2.8+
<b>Alternative splice method</b>	Mechanical fasteners

## 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.