

# Ultrascreen 5000 light blue FG

Article code: USBE000015

## General information

**Product group** Ultrascreen

## Belt construction

**Material** TPE

**Color** Light blue

## Characteristics

**Food Grade (FG)** yes EU 1935/2004, EU 10/2011; FDA

## Technical data

<b>Air permeability</b>	at $\Delta p=100$ Pa		7000 L/dm <sup>2</sup> /min	
<b>Mesh opening</b>			5000 mm	
<b>Thickness</b>			2.8 mm	0.11 in.
<b>Weight</b>			0.73 kg/m <sup>2</sup>	0.15 lbs/ft <sup>2</sup>
<b>Operating temperature</b>	continuous	from / to	-15 / 70 °C	5 / 158 °F
	short	from / to	-15 / 70 °C	5 / 158 °F
<b>Minimum pulley diameter</b>	flexing		100 mm	3.94 in.
	backflexing		100 mm	3.94 in.
<b>Manufacturing length</b>	maximum		100000 mm	3937.01 in.
<b>Manufacturing width</b>	standard		2000 mm	78.74 in.
	maximum		4000 mm	157.48 in.

## Fabrication

<b>Stability</b>	To create stability of Ultrascreen belts, homogeneous strips will be mounted longitudinally. Strips are available in: <ul style="list-style-type: none"> <li>- Flexam PVC</li> <li>- Amtel TPE</li> </ul>
<b>Tracking</b>	To improve tracking on Ultrascreen belts, belts could be fitted with ropes. The following rope could be fitted: <ul style="list-style-type: none"> <li>- Rope Vee Solid Flexam PVC light blue</li> </ul>
<b>Available accessoires</b>	The following cleats are possible to be fitted: <ul style="list-style-type: none"> <li>- Amtel TPE-E 90°</li> <li>- Ropanyl TPU 90° - 70°</li> </ul> <p>To avoid sideways spiledge, Bordoflex sidewalls could be fitted, which are available in:</p> <ul style="list-style-type: none"> <li>- Amtel TPE-E</li> <li>- Flexam PVC</li> </ul>
<b>Endlessing</b>	The following methods are used to endless the belt: <ul style="list-style-type: none"> <li>- Stainless steel fastener</li> <li>- Plastic fastener</li> <li>- Endless splice</li> </ul>

## 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. The allowable product temperature may vary.

Consult our specialists in case of questions or remarks.