

# transfertex<sup>®</sup> TCS<sup>®</sup> knit voile

## Technical Information

### ➤ General information

- 100 % Polyester
- ca. 50 g/m<sup>2</sup> knitted fabric
- uncoated
- very lightweight; for special applications

### ➤ Areas of application

- suitable for transfer dye sublimation printing on various printers
- waterbased, solvent-based and oilbased inks suitable
- indoor use recommended
- can be used for dividers, hanging applications, transparencies, etc.
- flame retardancy treatment (DIN 4102 B1)

### ➤ Processing & handling

- best print results will be achieved when settings are adjusted individually
- all transfertex<sup>®</sup> products are pre-shrunk. Nevertheless, a minimal shrinkage of 1-2% is always to be expected when processing polyester textiles
- usually, a fixing temperature of about 190°C (approx. 375°F) is recommended. For best results, fixing temperatures have to be tested with a small sample before start of production
- Polyester should not be exposed to temperatures exceeding 210°C (approx. 410°F). This could cause potentially harmful vapors to be emitted by the fabric
- **ALWAYS store rolls together with the label / the batch no.! Without batch number or production number, no requests or claims can be accepted!**
- lying storage (with complete area of roll being supported) is recommended

### ➤ Advantages / Special features

- very special visual effects can be created
- excellent bleedthrough
- scratch resistant
- durable
- flame retardancy treatment (DIN 4102 B1)
- for more information see compatibility list

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### ➤ Technical Data

#### ➤ Carrier:

<b>Carrier material:</b>	Polyester		
<b>Thickness [µm]:</b>	172	approx. 7 mil	
<b>Weight (g/m<sup>2</sup>) :</b>	approx. 48		
<b>Brightness: (Hunter Tester):</b>	n.a.		
<b>Whiteness: (Lab) Toleranz +/- 2%</b>	n.a.		

#### ➤ Others:

<b>Handling/Storage Conditions:</b>	minimum 1 year at appropriate storage		
<b>Shelf Life [Years]:</b>	n.a.		
<b>Temperature Stability:</b>	n.a.		
<b>Tear force [N/15mm] (DIN 56455)</b>	warp / weft	40 / 115	
<b>Elongation at break [%]</b>	warp / weft	20 / 36	
<b>Tear resistance: [N/mm<sup>2</sup>] (DIN53455) :</b>	warp / weft	15 / 44	
<b>Fire protection:</b>	DIN 4102 B1		

All tests were performed in accordance with 23/50-2, DIN 50014.