

directtex[®] knit banner light

Technical Information

➤ General information

- 100 % Polyester
- approx. 125 g/m² knitted fabric
- directtex[®] coating
- stretchable material

➤ Areas of application

- suitable for direct dye sublimation printing on various printers
- can be transfer printed as well
- waterbased, solvent-based and oilbased inks suitable
- indoor use
- especially for 3D - Applications
- flame retardancy treatment (DIN 4102: B1)

➤ Processing & handling

- best print results will be achieved when settings are adjusted individually
- all directtex[®] 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

- brilliant colours
- good printability
- universal use
- no cracking, wrinkle-free
- fire protection: B1 according DIN 4102-1
- for more information see compatibility list

directtex[®] knit banner light

Technical Information

➤ Technical Data

➤ Carrier:

Carrier material:	Polyester, knitted fabric	
Thickness [µm]:	approx. 340	approx. 13 mil
Weight (g/m²) :	125 ± 7	
Tear force: [N/15mm] (DIN 56455)	warp / weft	80 / 110
Elongation at break [%]	warp / weft	30 / 70
Tear resistance: [N/mm²] (DIN53455) :	warp / weft	15 / 20

➤ Others:

Handling/Storage Conditions:	Lying storage (with complete area of roll being supported)
Shelf Life [Years]:	6 to 8 months
Temperature Stability:	-20° C - +80° C / -4° F - 176° F
Fire protection:	DIN 4102 B1

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

Temperatures in Fahrenheit and thicknesses in mil are given as approximate values. All data are standard values. The information in this specification sheet is based on findings obtained in practice. Because of the high number of factors which can have an effect during handling and application, customer tests will be required. A legally binding guarantee of specific properties is not to be inferred from our specifications. The information given here may be subject to change without notice. Neschen has not prepared MSDSs for these products which are not subject to the MSDS requirements of the Occupational Safety and Health Administrations's Hazard Communication Standard, 29 C.F.R. 1910.1200(b)(6)(v). When used under reasonable conditions or in accordance with the Neschen directions for use, these products should not present a health and safety hazard. However, use or processing of the products is manner not in accordance with the directions for use may affect their performance and present potential health and safety hazards.