



## Technical Data Sheet Vision Parasol Fabric

Parasol fabric with INKTeX+GFS® finishing for direct print, for parasols: light diffusion, waterproof

<b>Material</b>	100% Polyester (with additional PU-coating and anti-fungicide treatment)
<b>Width</b>	3200mm
<b>Remarks</b>	Certified acc.to UV Standard 801: Protect 80 The certification is valid for the material in condition of delivery
<b>Properties</b>	Water Repellent
<b>Type of Ink</b>	Transfer Printing (Dye-sub, Latex, UV Curable)

Weight acc.to DIN EN ISO 12127	285.00 [g/m <sup>2</sup> ]	± 5 [%]
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### Tearing Strength

Elongation at 100 N, longitudinal direction acc. to DIN EN ISO 13934-1	8.00 [%]	± 20 [%]
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Elongation at 100 N, cross direction acc. to DIN EN ISO 13934-1	2.00 [%]	± 20 [%]
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Maximum tensile elongation, longitudinal direction acc. to DIN EN ISO 13934-1	60.00 [%]	± 20 [%]
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Maximum tensile elongation, cross direction acc. to DIN EN ISO 13934-1	50.00 [%]	± 20 [%]
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Maximum tearing strength, longitudinal direction acc. to DIN EN ISO 13934-1	Min. 400.00 [N/5 cm]
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Maximum tearing strength, cross direction acc. to DIN EN ISO 13934-1	Min. 1050.00 [N/5 cm]
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Continuing tearing strength, longitudinal direction acc. to DIN EN ISO 13937-2	18.00 [N]	± 10 [%]
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Continuing tearing strength, cross direction acc. to DIN EN ISO 13937-2	7.00 [N]	± 10 [%]
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### Others

Resistance to water penetration Coating side acc. To DIN EN 20811	Min. 500.00 [mmWS]
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Resistance to water penetration Uncoated side / textile acc. To DIN EN 20811	Min. 500.00 [mmWS]
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## Handling Guidelines Vision Parasol Fabric

Special handling instructions for Vision Parasol Fabric, for waterproof applications such as tent tops, gazebos

For this high-end fabric, special handling instructions are applicable. These should be followed closely in order to ensure best results:

- best results are achieved when printed directly onto the fabric with sublimation/disperse inks
  - the special SUN-coating is assuring a water repellency of min. 250 mmWS
  - the fabric has an additional anti-fungicide treatment to avoid moulding
  - the fabric can also be printed with UV and Latex inks
  - the fabric does not work with solvent-based inks
- The textile side is winded on the inner side. This side is used for printing with sublimation inks.
  - If printed with UV or Latex inks, both sides of the fabric can be used; because of the different glossiness the print results may vary, printing tests on both sides are recommended

### Fixation of the ink in a calander (dye-sub printing):

Due to unfixed ink-parts as well as chemical reactions between some sublimation inks and the SUN-coating there "transfer of ink" or "staining" can occur. This can happen especially when unprinted parts get in contact with printed parts under pressure (front as well as back side, resp. textile or coating side).

Our experience shows that for best results, high temperature and long contact time are neither necessary nor suggested to achieve good results.

Guideline: app. 190 - 195 °C fixation temperature at app. 40 - 50 s fixation time