

## SUPER POWER STRETCH FABRIC

**PRODUCT:** ST-149T/ST-149D

**FEATURES:**

- Warp-knitted fabric which is made of 91% polyester and 9% spandex yarn
- Light weight with anti-wrinkle and pre-shrinking processing technology
- Super powerful stretch on both directions and has very good rebound resilience
- Perfect for Paper transfer and also compatible with Dye-sub direct printing

**APPLICATIONS:**

- Architecture Stretch Display Frame System Backdrops Light Curl Geometric

**MATERIAL DETAILS**

| PROPERTIES                     | TEST METHOD  | METRIC                        | IMPERIAL                   |
|--------------------------------|--|-------------------------------|----------------------------|
| Total Weight                   | DIN EN ISO 2286-2, ASTM D751                       | 200 g/sq.m                    | 5.8 oz/sq.yd               |
| Base Fabric                    | DIN 60001, ASTM D7641                              | 91% polyester + 9% spandex    | 91% polyester + 9% spandex |
| Weave Method                   | N/A  | Warp-knitted 2 bar            |                            |
| Shrinkage                      | N/A  | ≤2% ( 210°C, 30s )            |                            |
| Shielding Rate                 | ANSI PH2.19, ISO 5/2                               | (63±5)%                       |                            |
| Elasticity                     | Length*Width=200*50mm, Sped=100mm/min, Tension=20N | Wap: (75±10)% Weft: (55±5)%   |                            |
| Flame Resistance               | DIN 4102-1-B1, NFPA 701 Test1                      | DIN 4102-1-B1, NFPA 701 Test1 |                            |
| Recommend Fixation Temperature | N/A  | 190°C-210°C, 1-2min           |                            |
| Yellowing Temperature          | SUPRKC REX-C400, 30s                               | ≥210°C                        |                            |
| Width Available                | DIN EN ISO 3759, ASTM D751-2006                    | Max 320cm                     | 126"                       |
| Standard Length                | DIN EN ISO 3759, ASTM D751-2006                    | 50m                           | 55yds                      |

**INK PRINTABILITY**

| Solvent                | Eco Solvent              | UV                       | Latex |
|------------------------|--------------------------|--------------------------|-------|
| <b>Screen Printing</b> | <b>Dye Transfer</b>      | <b>Dye Direct</b>        |       |
|                        | <input type="checkbox"/> | <input type="checkbox"/> |       |

NOTE: It is normal that the weight of most products will have an average fluctuation of 5%. All above information shall only used as a guide; buyers shall independently test and determine the products suitability. The mentioned data are average of test result and should not be used for the purpose of lawsuit or warranty.

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