

# LUXTEX PES MESH DTX

 **FILMOtEX**

 **PVC-free, recyclable**

## TECHNICAL SPECIFICATIONS

<b>Material</b>	100% polyester knit fabrics
<b>Finished material weight</b>	260 g/m <sup>2</sup> (approx.)
<b>Thickness</b>	560 µm(approx.)
<b>Fire Classification</b>	B-s1, d0 - DIN EN 13501-1 NFPA 701
<b>Air permeability</b>	blank: 3350 l/(m <sup>2</sup> s) 500 h: 3268 l/(m <sup>2</sup> s)* 1000 h: 3332 l/(m <sup>2</sup> s)* DIN EN ISO 9237 (200Pa)
<b>Stretchability</b>	warp: 1.3% weft: 1.0% DIN EN 14704-1
<b>Trapezoid tear resistance</b>	warp: 1012.9 N weft: 1264.3 N DIN EN ISO 13934-1
<b>Maximum tensile strength</b>	warp: 49.7% weft: 49.6% DIN EN ISO 13934-1
<b>Maximum tensile elongation</b>	warp: 54.1 N weft: 58.8 N DIN EN ISO 13937-2
<b>Light fastness</b>	blank: 6 DIN EN ISO 105-B02
<b>Water absorption</b>	blank: 52.7% DIN 53923
<b>Specifications</b>	UV stable
<b>Colour fastness</b>	500 h: Note 3-4* 1000 h: Note 3-4* DIN EN 20105-A02
<b>Carbon footprint</b>	total footprint: 1,060 kg CO <sub>2</sub> eq./m <sup>2</sup> determination accuracy: 84%

\*Weathering according to DIN EN ISO 4892-2

## Application Areas

- Digital printing/art reproduction
- Visual merchandising
- Outdoor fabric
- Stage/show/event

## Cut

- Cold cut
- Ultrasonic cut

## Article shrinkage (50 sec hold up time)

	shrinkage in cross direction	shrinkage in longitudinal direction	recommended fixing temperature
180°C	1,2%	2,6%	•
190°C	1,7%	4,0%	
200°C	1,9%	5,0%	
210°C	2,2%	5,5%	

## Certifications



## Available sizes

- 320 / 505 cm x 50 m

## Printing

- Inside: UV, Dyesub

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## Storage conditions

### Storage kind

- Temperature: 12 - 30°C
- Recommended: completely horizontally lying
- Other conditions: dry; packed in foil for protection; no direct sunlight

### Indoor climate for processing

- Room temperature: 18 - 23°C
- Humidity: 45 - 60%

### Acclimation

- When removed from storage: 8 - 24 h without foil at above- mentioned indoor climate
- When transported over a longer time with outside temperature under 10°C: 24 - 72 h without foil at above- mentioned indoor climate

We reserve the right for technical modifications.

The above mentioned details are non-binding. A tolerance of  $\pm 5\%$  is valid.

Le informazioni pubblicate riguardanti i nostri prodotti sono basate su conoscenze ed esperienze pratiche. Gli acquirenti devono indipendentemente determinare, prima dell'uso, l'idoneità del materiale per l'utilizzo che ne vogliono fare. L'acquirente deve assumersi tutti i rischi per qualsiasi uso, funzionamento e applicazione del materiale. Noi siamo responsabili del

danno solo per il prezzo d'acquisto con esclusione di danni diretti o accidentali. Tutte le informazioni fornite servono solo a descrivere il prodotto e non riguardano assicurazioni in senso giuridico. Le specifiche sono soggette a modifiche senza preavviso, salvo errori ed omissioni.