

# LUXDSIGN AKUSTICO® DTX

FILMOdesign

PVC-free, recyclable

## TECHNICAL SPECIFICATIONS

Material	100% polyester weave fabrics
Finished material weight	280 g/m <sup>2</sup> (approx.)
Thickness	610 µm (approx.)
Fire Classification	B-s1, d0 - DIN EN 13501-1
Air permeability	200 Pa: 400 l/m <sup>2</sup> s DIN EN ISO 9237
Trapezoid tear resistance	warp: 2412 N weft: 1553 N DIN EN ISO 13934-1
Maximum tensile strength	warp: 48.6% weft: 41.6% DIN EN ISO 13934-1
Light fastness	blank: 5-6 DIN EN ISO 105-B02
Stretchability	warp: 1.3% weft: 2.6% DIN EN ISO 20932 (14704-1)
Upholstery fabrics	category A DIN EN ISO 14465
Carbon footprint	total footprint: 1,790 kg CO <sub>2</sub> eq./m <sup>2</sup> determination accuracy: 85%

## Cut

- Heat cut
- Ultrasonic cut

## Printing

- Inside: UV, Latex, Dyesub
- Outside: UV, Latex, Dyesub

## Available sizes

- 310 cm x 50 m

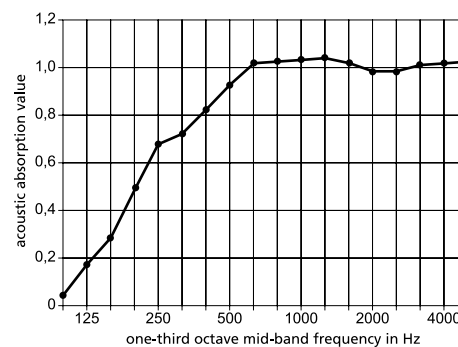
## Application Areas

- Textile construction
- Exhibition
- Theatre
- Stretch ceiling
- Stage/show/event
- Visual merchandising
- Curtain
- Upholstery fabric
- Acoustic fabric

## Certifications

Acoustic absorption value  $\alpha_w$  /class\*: 0.90/A

Type of assembly E-50 according to DIN EN ISO 354. Textile in front of total 50 mm, included 40 mm ISOVER SSP 2 and 10 mm airspace.



## Article shrinkage (50 sec hold up time)

	shrinkage in cross direction	shrinkage in longitudinal direction	recommended fixing temperature
180°C	0,8%	0,5%	•
190°C	0,9%	0,6%	
200°C	0,9%	1,1%	
210°C	1,0%	1,4%	

# LUXDSIGN AKUSTICO® DTX

 **FILMO**design

 **PVC-free, recyclable**

## 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.