

Product Description

myMEDIA 4220 UniversalTex FR is a translucent polyester fabric for interior design and textile backlit application. It allows bright colours with backlit applications and as a typical frontlit fabric. Typical applications are exhibition and shop building, POS, frame and tension systems, light boxes. myMEDIA 4220 UniversalTex FR can be backlit well, the textile structure is barely visible and the coating is resistant to stress whitening. When used as a backlit it offers good Day & Night properties. It is a pleasantly firm to the touch and has a good stability despite its low weight. A combination of coating and dense weave of fabric causes good light diffusion and lights up the colours equally. The material can be backlit with both conventional and LED lamps because the fabric contains no visible pinholes.

Physical Characteristics

Material	Coated polyester fabric, PVC free coating	
Thickness / Weicht	180 g/m ² , 220µm	
Colour / Finish	white silk matt	
Weave	Woven	
Visual density	0,38	
Durability	Indoor	
Fire behaviour	B1	DIN 4102-1

Printing Method

Compatible inks	HP Latex, Eco-Solvent, Solvent, UVC
Drying	The digital print must be ABSOLUTELY DRY! The drying of the printed medium is strongly dependent on the amount of solvent applied (ink coverage), therefore sufficiently long drying times must be taken into account. When printing the material in a roll-to-roll process, the printed material must be unrolled and laid out flat again as quickly as possible until final drying in order to achieve the best drying results. We recommend drying the material for at least 24 hours in an unrolled state before further processing. If this is not possible, place the roll upright and very loosely wound on an air-permeable (grid) floor to ensure air circulation. Insufficient drying (solvent residues, rewetting, etc.) can lead to blocking in the rolled state and subsequently to unrolling, shrinkage and insufficient adhesion, which are not covered by the warranty. Therefore, the drying must be checked by practical methods, such as Tesa test (optimally with cross cut), grip test, abrasion test and smell test, before further processing, lamination or application.
Sublimation	The back is printable with dye-sublimation ink (transfer).

Processing and converting

Cutting	Cold and hot
Converting	Sewing, grommeting

Storage

Shelf life	1 year if stored in original packaging
Storage conditions	+15°C to +25°C and 50 relative humidity

myMEDIA 4220 UniversalTex FR

Advantages and features

- PVC-free
- No stress whitening
- Cold sliceable
- High tear resistance
- Outstanding print quality
- Usable as Frontlit and Backlit
- Good Day & Night properties
- Good light diffusion as Backlit
- B1 fire retardancy according to DIN 4102-1
- Backside can be printed with sublimation transfer

Applications

- Exhibition and shop building
- POS
- Frame and tension systems
- Light boxes

Important Notice

Information on physical and chemical characteristics is based upon tests, practical knowledge and experience. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Because of the variety of uses and applications, the purchasers should independently determine, prior to use, the suitability of this material to their specific use and carefully consider the suitability and performance of the product. The purchaser shall assume all risks for any use and application of the material. All specifications and technical data are subject to change without prior notice, errors and omissions expected. All warranty matters are regulated by our general terms and conditions.