



## Technical Data Sheet

### Vision Black Back Stretch Elite

Knitted polyester with a black block-out rear face suitable printing UV and direct sublimation using diverse inks. Finished with FR treatment.

Material	100 % Polyester with additional, one sided block-out coating
Stock widths	app. 320 cm
Finishing	Rolled on paper cores
Application Areas	Blockout, Trade Show Construction or Frame Systems

Weight acc. to DIN EN 12127	265.00 [g/m <sup>2</sup> ]	± 3 [%]
Shrinkage		
Heat Shrinkage, 195 °C, 90 sec, lengthwise acc. to AA 25-02	-5.00 [%]	± 1 [%]
Heat Shrinkage, 195 °C, 90 sec, crosswise acc. to AA 25-02	-1.00 [%]	± 1 [%]
Tearing Strength		
Elongation at 100 N, longitudinal direction acc. to DIN EN ISO 13934-1	18.00 [%]	± 10 [%]
Elongation at 100 N, cross direction acc. to DIN EN ISO 13934-1	22.00 [%]	± 10 [%]
Maximum tensile elongation, longitudinal direction acc. to DIN EN ISO 13934-1	22.00 [%]	± 20 [%]
Maximum tensile elongation, cross direction acc. to DIN EN ISO 13934-1	22.00 [%]	± 20 [%]
Maximum tearing strength, longitudinal direction acc. to DIN EN ISO 13934-1	min. 250 [N/5 cm]	
Maximum tearing strength, cross direction acc. to DIN EN ISO 13934-1	min. 620 [N/5 cm]	

# Vision Black Back Stretch Elite



**dpm**  
digital print media

## Vision Black Back Stretch Elite

### Safety Declaration Regarding Processing

Strict guidelines regarding the production and processing of all our dye sublimation media mean that we can confidently re-assure our customers that the products are tested to the highest standards and Reach certified.

Vision Black Back Stretch Elite is designed for direct dye sublimation production and features a black back coating to provide a block out feature when used in display production.

The coating of the product Vision Black Back Stretch Elite does not include chemical compounds that are classified as dangerous or hazardous to health.

It should be noted that in the fixation of this product with a hot press, calendar, steamer etc. vapours can occur, this reaction is a normal effect of processing the material at high temperature.

The vapours produced by the calendar process are not expected to be a direct health hazard however should not be directly inhaled and suitable extraction should be used by an appropriate air facility.

Please see our handling instructions bulletin for further details on processing Vision Black Back Stretch Elite.

Should you require any further information or assistance regarding this product please feel free to contact us on 01494 760240 or by email on [sales@dpm.com](mailto:sales@dpm.com).



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Details shown are in good faith and correct at time of going to press however are not applicable in terms of warranty.

## Fixation Handling Guidelines

When processing this material we offer the following handling guidelines, please follow closely in order to ensure best results.

Fixation of the ink through a calender

High temperature and long contact time are not necessary or recommended when processing the fabric.

Guideline fixation temperature 190° at approximately 40-50s fixation time.

In our experience for best results when processing please ensure the coated black side of the material is away from the heated cylinder face down on the felt with the printed side facing the heat source.

Please follow your standard methods of protection to the printed surface when facing the heated cylinder.

Please Note:

Use of protection paper to the coated side and a higher temperature or fixation time can result in the paper sticking to the black coated face.

This fabric can be processed without protection paper to the coated black side however the coated side MUST be face down on the felt as opposed to facing the cylinder as detailed above.

As standard please test the fabric with a small sample before processing as no liability will be assumed for possible damage following process of the materials.

Should you require any further information or assistance on this or any other of our products please feel free to contact us on 01494 760240.

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