



VISUAL & DIGITAL
TEXTILE TESTING

VeriVide
See in Truth

OmniStretch

Are your fabrics really
'Squat Proof'?



OmniStretch enables stretch-based opacity assessment of knitted fabrics, across different stretch levels. Two assessment plates are included, numbered and black & white for use in visual and digital assessment.



Grade the translucency of fabrics to guarantee your product is squat proof. Assess 'grinning' associated with undyed elastane, or poorly printed fabrics.

Assessment can be performed both visually and digitally, either using a light booth and 45-degree fixed or Tilting Table or in a DigiEye system. Digital assessment can be performed with DigiPix, DigiProduction software.

OmniStretch comes fully assembled and includes an additional stretcher ring and assessment plate. Minimal assembly is required, with assessment plate swaps needed if changing tests or if worn out. OmniStretch can be used with VeriVide light booths or DigiEye 700 or 1300 systems.



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More applications

You can confidently source fabrics for sports and leisure wear from your suppliers and know exactly the grade and guarantee of 'Squat Proof'. This helps product developers to ensure that any promotional claims are backed up with a scientific measurement. Grade the translucency of fabrics and also assess 'grinning' associated with undyed elastane-based constructions or poorly penetrated printed fabrics.



To discuss how OmniStretch can benefit your business or if you require more information contact the VeriVide sales team:

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or email: sales@verivide.com

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VeriVide is committed to innovation in colour assessment and quality control. From constructing standardised viewing environments to developing new lighting products to meet industry standards, improving your quality and productivity is always our priority.



VeriVide is BS EN ISO 9001 : 2015 assessed and registered. All our colour assessment and measurement equipment is made in the UK. Design and specification subject to change without notice.

VeriVide Ltd is a company registered in England and Wales with company number 827815. Registered Office: VeriVide Ltd, Quartz Close, Warrens Business Park, Enderby, Leicester, LE19 4SG. United Kingdom.

Simple - Numbered visual assessment

The specially developed numbered assessment plate is suitable for printed or patterned fabrics. For plain fabrics we recommend the use of the black and white assessment plate.

Three simple steps for assessment

- ▶ Step 1 – After mounting the sample to the sample holder, place the OmniStretch unit into a light booth on a 45-degree fixed table or a Tilting Table.
- ▶ Step 2 – Viewing the OmniStretch from directly above, use the numbered scale to assess the opacity of the fabric sample. The grade of the fabric is determined by the lowest number that is clearly visible. Depending on the sample, multiple readings may be needed for different parts or patterns within the print. This depends on the print or pattern complexity.
- ▶ Step 3 – Alternate between the stretch levels to assist in the assessment as needed.

Please refer to the Equipment Manual for further details.

Over black and over white assessment

The black and white assessment plate is suitable for testing plain fabrics. Assessment is best performed against a set standard, dependant on the intended application of the fabric. Each assessment method will provide an indication of how tested fabrics behave, depending on testing criteria being used.

Assessment of over black and over white can be made visually in a light booth or by using OS (OmniStretch Software) in the DigiEye Software. A measured value for both opacity and translucency can be obtained. Please refer to the DigiEye Manual for details.

Requirements

The OmniStretch works with fabric swatches of 160mm square or larger and can also be used to test finished garments. It works visually in a light booth or digitally in a DigiEye system with any elastic blend fabrics.

Non-destructive testing

The OmniStretch works with garment* and fabric samples where cutting is not required. The system performs testing in a non-destructive way.

*Using small garment within DigiEye system is possible (observing imaging protocol) or any size fabric sample or garment within a light booth is possible too.