



THE WOOLMARK COMPANY

# WOOLMARK SPECIFICATION

COOL WOOL FABRICS

## SPECIFICATION SC-1

Effective 1 July 2026

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## ***SPECIFICATION SC-1: 2026***

### ***COOL WOOL FABRICS***

#### **PRODUCTS**

**Cool Wool** may be applied to **Woolmark** and **Woolmark Blend labelled** fabrics that meet the criteria in this specification.

Wool Blend labelling cannot be used on Cool Wool products

The use of a Woolmark approved fabric does not confer the right to use the Mark on later end products unless the later product also meets the appropriate Product Specification.

## Cool Wool criteria for all products

Products must meet all requirements under Specifications SF-1: Knitted Fabrics or SF-2: Woven Fabrics as appropriate.

Property	Test method	Requirements
Cool Wool yarn production system	–	Worsted
Mean wool fibre diameter ( $\mu\text{m}$ : maximum)	22 or 23 or 24 Blends TM24 only	22.5
Cool Wool product surface		Clear, clean
Fabric weight ( $\text{g}/\text{m}^2$ : maximum)	13	190

- This table must be read in conjunction with the notes that follow.

### NOTES

#### 1. Woolmark Blend:

Specifications for Woolmark Blend products are the same as those for Woolmark, except where indicated.

#### 2. Blends with other fibres:

Wool blended with natural fibre (cellulosic or animal fibres, including silk) or natural-polymer (e.g. viscose, lyocell) or synthetic-polymer (ie polyester, polyamide) are permitted for use with the Cool Wool label in conjunction with the Woolmark Blend label.

The inclusion of elastane-type filaments to impart stretch characteristics to the fabric is permitted. The Woolmark logo cannot be used on elastane-containing fabrics, except in those countries covered by Specification F-4 'Fibre Content of Woolmark Products'.

#### 3. Mean wool fibre diameter:

All measurement methods have a tolerance and this tolerance is included in the criterion of an absolute maximum mean fibre diameter for the wool fibres of  $22.5\mu\text{m}$ .

In the case of Woolmark Blend products, Woolmark TM24 (projection microscope) **must be used**. TM22 (Laserscan) or TM23 (OFDA) **must not be used** to evaluate Woolmark Blend products because neither apparatus distinguishes between wool and non-wool fibres.

#### 4. Fabric Surface:

The surface of the fabric shall be smooth and relatively free from protruding fibres.

#### 5. Fabric Weight:

A fabric weight of  $190\text{g}/\text{m}^2$  is equivalent to  $\sim 285\text{g}/\text{linear metre}$  based on a fabric width of 1.5m. This limit represents the required maximum of  $187\text{g}/\text{m}^2$  ( $\sim 280\text{g}/\text{linear metre}$ ) with a  $3\text{g}/\text{m}^2$  allowance for testing error.

#### 6. Sampling:

For woven fabric, a composite specimen, including all warp and weft yarns, must be evaluated, including all yarns in at least a full pattern repeat.

For knitted fabric, a composite specimen, including all yarn types, must be evaluated in the proportion in which they appear in the fabric.

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