



THE WOOLMARK COMPANY

# WOOLMARK SPECIFICATION

BLANKETS, BEDSPREADS,  
TRAVEL RUGS AND THROWS  
(FLAT WOVEN OR WOVEN AND  
RAISED)

## SPECIFICATION IB-1

Effective 1 January 2016

# WOOLMARK SPECIFICATION

## **SPECIFICATION IB-1: 2016**

### **BLANKETS, BEDSPREADS, TRAVEL RUGS AND THROWS (FLAT WOVEN OR WOVEN AND RAISED)**

#### **PRODUCTS**

**Woolmark** and **Woolmark Blend** labelling may be applied to the following categories of products:

- woven blankets
- woven and raised blankets (non-pile)
- woven travel rugs
- woven and raised travel rugs (non-pile)
- woven cellular blankets
- woven bedspreads (non-pile)
- woven throw (ie a product to be used as a loose, unstructured cover on furniture or beds)
- woven sleeping bags.

**Woolmark Blend** labelling may **also** be applied to:

- union weave blankets (woven from an all new wool weft on a non-wool warp)
- union weave travel rugs (woven from an all new wool weft on a non-wool warp)
- union weave woven throw (non-pile).

The fabric must be constructed in such a way that the weft covers the warp completely. Union blankets of this type must be labelled with the Woolmark in China, Japan and Korea. This is due to the requirements of national labelling laws.

The minimum new wool content for a Woolmark Blend union blanket is 50%.

Wool Blend labelling may **not** be applied to bedding products covered by this specification.

For pile blankets, see Specification **IB-3**.

## MANDATORY REQUIREMENTS – ALL PRODUCTS IRRESPECTIVE OF CARE CLAIM

Property	Test method	Pass level
<b>Woolmark</b> Wool content of fabric or surface, as appropriate	155	Pure New Wool (see specification F-1, F-2, F-3 or F-4 for details)
<b>Woolmark Blend</b> Fibre content of fabric Wool fibre content: minimum Non-wool fibre content: maximum		50% new wool (see Specification F-5) 50% new fibre (see Specification F-5)
Non recoverable extension (%: maximum)	248	10
Extractable matter (%: maximum)	136	1.0
Colourfastness to rubbing – wet and dry (grade: minimum)	165	3–4
Colourfastness to light (grade: minimum)	5	Darker than 1/12 standard depth: 4 Lighter than, or equal to, 1/12 standard depth: 3

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

### NOTES

- Actual product dimensions must be measured and must be equal to (or greater than) the stated dimension on the label.
- Woolmark TM155: Wool content**  
Woolmark Blend labelling is only applicable to union weave blankets, throws and travel rugs (ie products with pure new wool weft yarns). Products of a non-union construction must be submitted to the Woolmark Management Group for approval.
- Woolmark TM248: Non-recoverable extension**  
The performance of blankets is closely related to the construction of the yarns (particularly the weft yarn) and the finishing of the fabric. Problem blanket fabrics may include one or more of the following elements:
  - loose weaves
  - insufficient consolidation
  - over-raised surface.
The general effect of these parameters is a reduction in product durability and high values of non-recoverable extension. If a test specimen fails before a load of 98.1N is reached, the specimen must be considered a failure.
- Woolmark TM136: Extractable matter**  
This requirement applies to product **prior** to the addition of a softener. A maximum of 1.5% is permitted if softener has been applied. Licensees must submit a statement to the Woolmark Management Group with details of softener used for verification.
- Woolmark TM165: Colourfastness to rubbing**  
This test is applicable to products darker than 1/12 standard depth only.
- Woolmark TM05: Colourfastness to light**  
This test is applicable to bedspreads and travel rugs only.

## ADDITIONAL MANDATORY REQUIREMENT FOR DRYCLEAN ONLY PRODUCTS

Property	Test method	Pass level
Dimensional change (%: maximum)  Number and type of cycles: 3 × ISO3175 Normal or CDT	–	Product must not shrink below stated product dimensions, or Length: –5 < DC Width: –5 < DC if product dimensions are measured rather than using the stated dimensions on the label
Product appearance after three dry clean cycles	–	Satisfactory

- All tables must also be read in conjunction with the notes that follow.

### NOTES

#### 1. Test method

–5 < DC indicates that the product must not shrink more than 5%.

Three dry clean cycles according to ISO 3175 ‘Normal’ or equivalent for the commercial dry clean test (CDT).

#### 2. Sample for testing

It is recommended that the sample size is a single bed size product (or its equivalent) but samples of 1.0× 1.0m will be accepted.

#### 3. Appearance after cleaning or washing

In assessing the acceptability of a product for a dry clean only, hand wash or machine wash care claim, the surface appearance before and after the specified washing cycles will be considered.

Satisfactory afterwash appearance is assessed on the level or degree of:

- fibre clumping, felting and consolidation
- binding, product and pattern distortion.

## ADDITIONAL MANDATORY REQUIREMENTS FOR HAND WASHABLE PRODUCTS

Property	Test method	Pass level
Relaxation dimensional change after 1 × 7A cycle	31	Product must not shrink below stated product dimensions (see note below), or Width: -4 < DC Length: -4 < DC
Felting dimensional change after 1 × 7A cycle	31	Width: -5 < DC Length: -5 < DC
Product appearance after wash cycles	–	Acceptable
Colourfastness to hand washing Change of colour (grade: minimum) Stain wool (grade: minimum)	250	3–4 4
Colourfastness to wet alkaline contact Change of colour (grade: minimum) Stain wool grade: (grade: minimum)	174	3–4 4

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

### NOTES

#### 1. Woolmark TM31: Dimensional stability

- 4 < DC indicates that the product must not shrink more than 4%.
- 5 < DC indicates that the product must not shrink more than 5%.

The applicable care claim is hand wash and flat dry or hand wash and line dry.

The product must not shrink below stated product dimensions. The actual product dimensions must be measured and must be equal to (or greater than) the stated dimensions on the label.

For assessment of dimensional change, it is recommended that the sample size for Woolmark TWC-TM31 is a single bed size product (or its equivalent) but samples of 1.0 x 1.0m will be accepted.

#### 2. Assessing appearance after cleaning or washing

To determine the acceptability of a product for a dry clean only, hand wash or machine wash care claim, the surface appearance before and after the specified washing cycles will be considered.

Satisfactory afterwash appearance is assessed on the level or degree of:

- fibre clumping, felting and consolidation
- binding, product and pattern distortion.

#### 3. Woolmark TM250: Colourfastness to hand washing

No further note.

#### 4. Woolmark TM174: Colourfastness to wet alkali contact

Multi-coloured products only.

## ADDITIONAL MANDATORY REQUIREMENTS FOR MACHINE WASHABLE PRODUCTS

Property	Test method	Pass level
Relaxation dimensional change after 1 × 7A cycle	31	Product must not shrink below stated product dimensions (see notes below), or Width: -4 < DC Length: -4 < DC
Felting dimensional change after 1 × 5A cycle	31	Width: -5 < DC Length: -5 < DC
Product appearance after wash cycles		Acceptable
Colourfastness to machine washing Change of colour (grade: minimum) Stain wool (grade: minimum)	193	3-4 4
Colourfastness to wet alkaline contact Change of colour (grade: minimum) Stain wool (grade: minimum)	174	3-4 4

- ALL tables must also be read in conjunction with the notes that follow.

### NOTES

1. Actual product dimensions must be measured and must be equal to (or greater than) the stated dimension on the label.
2. **Woolmark TM31: Dimensional stability**  
-4 < DC indicates that the product must not shrink more than 4%.  
It is recommended that the sample size for Woolmark TWC-TM31 is a single bed size product (or its equivalent). However, samples of 1.0 x 1.0m will be accepted.
3. **Appearance after cleaning or washing**  
In assessing the acceptability of a product for a dry clean only, hand wash or machine wash care claim, the surface appearance before and after the specified washing cycles will be considered. Satisfactory afterwash appearance is assessed on the level or degree of:
  - fibre clumping, felting and consolidation
  - binding, product and pattern distortion.
4. **Woolmark TM193: Colourfastness to machine washing**  
Testing shall be carried out according to Part A using standard detergent without perborate and Part B with perborate. If the product fails Part B only, additional labelling requirements must be strictly observed to prevent problems that could arise when a detergent containing bleach is used during machine washing of the bedding product. In this case, all tickets and labels attached to products **must** carry an advisory statement: 'Wash using a Woolmark approved detergent' (or similar). Full details of these additional requirements are available from The Woolmark Company.
5. **Woolmark TM174: Colourfastness to wet alkaline contact**  
Applicable to multi-coloured products only.

**ADDITIONAL MANDATORY REQUIREMENTS FOR MACHINE WASHABLE AND TUMBLE DRY OR 'TOTAL EASY CARE' PRODUCTS**

Property	Test method	Pass level	
		Bedsread	Blanket, other products
Relaxation dimensional change (%) after 1 x [7A+TD] cycle	31	Product must not shrink below stated product dimensions (see notes below), or Width: -4 < DC Length: -4 < DC	
Felting dimensional change	31	Width -5 < DC Length: -5 < DC	
No. and type of wash cycles		5 x [5A+TD]	3 x [5A+TD]
Product appearance after wash cycles	-	Acceptable	
Colourfastness to machine washing Change of colour (grade: minimum) Stain wool (grade: minimum)	193	3-4 4	
Colour fastness to wet alkaline contact Change of colour (grade: minimum) Stain wool (grade: minimum)	174	3-4 4	

- ALL tables must also be read in conjunction with the notes that follow.

**NOTES**

1. Actual product dimensions must be measured and must be equal to (or greater than) the stated dimension on the label.
2. **Woolmark TM31: Dimensional stability**  
-4 < DC indicates that the product must not shrink more than 4%.  
It is recommended that the sample size for Woolmark TWC-TM31 is a single bed size product (or its equivalent). However, samples of 1.0 x 1.0m will be accepted.  
[7A+TD] – a 7A wash followed by a tumble dry.  
[5A+TD] – a 5A wash followed by a tumble dry.
3. **Appearance after cleaning or washing**  
In assessing the acceptability of a product for a dry clean only, hand wash or machine wash care claim, the surface appearance before and after the specified washing cycles will be considered. Satisfactory after-wash appearance is assessed on the level or degree of:
  - fibre clumping, felting and consolidation
  - binding, product and pattern distortion.
4. **TM193: Colourfastness to machine washing**  
Testing shall be carried out according to Part A using standard detergent without perborate and Part B with perborate. If the product fails Part B only, additional labelling requirements must be strictly observed to prevent problems that could arise when a detergent containing bleach is used during machine washing of the bedding product. In this case, all tickets and labels attached to products must carry an advisory statement: 'Wash using a Woolmark approved detergent' (or similar). Full details of these additional requirements are available from The Woolmark Company.
5. **TM174: Colourfastness to wet alkaline contact**  
Applicable to multi-coloured products only.

## APPENDIX: Specifications for additional claims

### Additional claim: Pure Merino Wool

#### PRODUCTS

'Pure Merino Wool' may be applied to all **Woolmark labelled** products, meeting the criteria detailed in this specification.

Pure Merino Wool **must not** be used on **Woolmark Blend** or **Wool Blend** labelled products.

#### Pure Merino Wool additional criteria

Property	Test method	Requirements
Wool content	155	Pure New Wool as indicated in specifications F-1, F-2, F-3, F-4
Mean wool fibre diameter ( $\mu\text{m}$ : absolute maximum)	22 or 23 or 24	22.5 $\mu\text{m}$

#### NOTES

The mean fibre diameter is determined from the yarn (or fibre if appropriate) removed from the fully finished product.

The fibre diameter requirement (which includes sampling and testing tolerances) is applicable at the end product stage. It is known that the mean fibre diameter can increase during textile processing as a result of the preferential loss of finer fibres. It is not known how much change will occur for any particular set of circumstances but in order to meet the end product requirement, it is advised that wools with diameters closer to 21.5–22.0 $\mu\text{m}$  be chosen at the raw material stage.

A composite specimen of all warp and all weft yarns must be evaluated, including all yarns in at least a full pattern repeat. Warp and weft must be evaluated separately, and each must meet the requirements. In cases where more than one pattern repeat is required to provide sufficient specimen for testing, that specimen must consist of complete pattern repeats.

In cases of dispute, the result from Woolmark TM24 must be accepted.

**Additional claim: Australian Merino**

**PRODUCTS**

**Australian Merino** may be applied to all **Woolmark labelled** products meeting the criteria detailed in this specification.

All requests for products to be included in the Australian Merino program for furnishing products, bedding products, carpets and rugs must be submitted to The Woolmark Company for consideration.

**Australian Merino additional criteria**

Property	Test method	Requirements
Wool content	155	Pure New Wool
Mean wool fibre diameter (µm: absolute maximum)	22 or 23 or 24	22.5µm
Australian wool content: minimum (%)	Wool importer's or wool supplier's certificate to be submitted by licensee as confirmation	50%

**NOTES**

1. The wool must be from pure Merino sheep and written confirmation must be supplied.

## Additional claim: Gold Label

### PRODUCTS

**Gold Label** may be applied to the following bedding products, manufactured from woven fabric:

- woven blankets
- woven bedspreads (non-pile)
- woven and raised blankets
- cellular blankets (woven)
- woven travel rugs (non-pile)
- woven throw (non-pile)(ie a product to be used as a loose, unstructured cover on furniture or beds).

Gold Label may not be used on Woolmark Blend labelled products.

All requests for products to be included in the Gold Label program for blankets, bedspreads, travel rugs and throws must be submitted to The Woolmark Company for consideration.

### Gold Label criteria

Property	Test method	Requirements
Wool content	155	Pure New Wool
Mean wool fibre diameter ( $\mu\text{m}$ : absolute maximum)	22 or 23 or 24	22.5 $\mu\text{m}$
Australian Wool content (%)	Wool importer's or wool supplier's certificate to be submitted by licensee as confirmation	100%

### NOTES

1. The fibre diameter requirement (which includes sampling and testing tolerances) is applicable at the end product stage. It is known that the mean fibre diameter can increase during textile processing as a result of the preferential loss of finer fibres. It is not known how much change will occur for any particular set of circumstances but in order to meet the end product requirement it is advised that wools with diameters closer to 21 $\mu\text{m}$  be chosen at the raw material stage.

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