



THE WOOLMARK COMPANY

WOOLMARK SPECIFICATION

KNITTED BLANKETS,
BEDSPREADS, TRAVEL RUGS
AND THROWS INCLUDING
PILE BLANKETS

SPECIFICATION IB-5

Effective 1 January 2016

WOOLMARK SPECIFICATION

SPECIFICATION IB-5: 2016

KNITTED BLANKETS, BEDSPREADS, TRAVEL RUGS AND THROWS INCLUDING PILE BLANKETS

PRODUCTS

Woolmark and **Woolmark Blend** labelling may be applied to the following bedding products, manufactured from knitted fabric:

- knitted blankets
- knitted bedspreads
- knitted and raised blankets
- knitted cellular blankets
- knitted travel rugs
- knitted sleeping bags
- knitted throws (ie products to be used as loose, unstructured covers on furniture or beds).

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

MANDATORY REQUIREMENTS

All products irrespective of care claim

Property	Test method	Requirements
Woolmark 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)
Woolmark Blend Fibre content of fabric <ul style="list-style-type: none"> • wool content (%: minimum) • non-wool fibre content (%:maximum) 		50% new wool (see specification F-5) 50% new fibre (see specification F-5)
Product dimensions	-	Actual product dimensions must be measured and must be equal to (or greater than) the stated dimension on the label
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

NOTES

1. Woolmark TM155: Wool content

Woolmark Blend labelling is only applicable to blankets, throws and travel rugs (ie products that are constructed in such a way that the wool covers the surface completely).

2. WoolmarkTM136: DCM extractable matter

This requirement applies to product **prior** to the addition of a softener. A maximum of 1.5% is permitted **after** addition of softener.

3. Woolmark TM165: Colourfastness to rubbing

This test is applicable to products darker than 1/12 standard depth only.

4. Woolmark TM05: Light fastness

This test is applicable to bedspreads and travel rugs only.

ADDITIONAL MANDATORY REQUIREMENT FOR DRYCLEAN ONLY PRODUCTS

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

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). Actual product dimensions must be measured and must be equal to (or greater than) the stated dimension on the label.

2. Sample for testing

Sample products **must** be submitted to The Woolmark Company for consideration. It is recommended that the sample size is a single bed size product (or its equivalent). However, 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. 'Acceptable' after dry clean appearance is assessed on the level or degree of:

- felting and consolidation
- binding, product or pattern distortion.

ADDITIONAL MANDATORY REQUIREMENTS FOR HAND WASHABLE PRODUCTS

CARE CLAIM: HAND WASH AND FLAT DRY OR HAND WASH AND LINE DRY

Property	Test method	Requirements
Relaxation dimensional change (%) after 1 x 7A cycle	31	Product must not shrink below stated product dimensions (see note 1) or Width: $-4 < DC$ Length: $-4 < DC$
Felting dimensional change (%) after 1 x 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: minimum))	174	3–4 4

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 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, however, samples of 1.0×1.0m will be accepted.

2. Assessing appearance after cleaning or washing

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.

Acceptable indicates satisfactory after wash level of:

- felting and consolidation
- binding, product or pattern distortion.

3. Woolmark TM250 Colourfastness to hand washing

This test applies to coloured products only.

4. Woolmark TM174: Colourfastness to wet alkali

Multi-coloured products only.

ADDITIONAL MANDATORY REQUIREMENTS FOR MACHINE WASHABLE PRODUCTS

Property	Test method	Requirements
Relaxation dimensional change (%) after 1 x 7A cycle	31	Product must not shrink below stated product dimensions (see Note 1 below) or Width: $-4 < DC$ Length: $-4 < DC$
Felting dimensional change (%) after 1 x 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

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%.

It is recommended that the sample size for Woolmark TWC-TM31 is a single bed size product, however, samples of 1.0×1.0m will be accepted.

2. 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.

Acceptable indicates a minimal after wash level of:

- felting and consolidation, and
- binding, product or pattern distortion.

Tumble dry

Any product to be labelled 'Tumble dry' must be sent to the local office of The Woolmark Company, which will submit the product to the designated Woolmark laboratory for testing and assessment of compliance to the appropriate specification.

3. Woolmark TM193: Colourfastness to machine washing

This test applies to coloured products only.

Testing 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/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.

4. Woolmark 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** bedding 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 (µm: absolute maximum)	22 or 23 or 24	22.5µm

NOTES

1. 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. The mean fibre diameter can increase during textile processing as a result of 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 21.5–22.0µm be chosen at the raw material stage.

A composite specimen including all yarn types must be evaluated in the proportions in which they appear in the fabric.

2. 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 bedding products meeting the criteria detailed in this specification.

All requests for products to be included in the Australian Merino program must be submitted to The Woolmark Company for consideration.

Australian Merino 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 Merino wool content (%: minimum)	Confirmation; wool importer's or wool supplier's certificate to be submitted by licensee	100%

NOTE

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 knitted fabric:

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

Gold Label must 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 (µm: absolute maximum)	22 or 23 or 24	22.5µm
Australian Merino wool content (%: minimum)	Wool importer's or wool supplier's certificate to be submitted by licensee	100

NOTE

- The fibre diameter requirement (which includes sampling and testing tolerances) is applicable at the end product stage. The mean fibre diameter can increase during textile processing as a result of 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 21µm be chosen at the raw material stage.

OPTIONAL CARE CLAIM: Machine wash and tumble dry

All products submitted for approval for the use of the Woolmark or Woolmark Blend label must be submitted to the Woolmark Management Group (WVG). All Information on construction parameters for submitted products must be included with products for this care claim. Testing and approval or rejection of such products will be arranged by the WVG

SCREENING TEST

Property	Test method	Pass level
Relaxation dimensional change (%: maximum) No. and type of wash and dry cycles	31/254	Width: 4 < DC Length: 4 < DC 1 x 7A plus 1 x tumble dry
Felting dimensional change No. and type of wash and dry cycles	31/254	1 x 5A plus 1 x Tumble Dry
Total dimensional change (%: maximum)	31/254	Width: 5 < DC Length: 5 < DC
Performance after washing or tumble drying		Acceptable

COMMERCIAL WASH AND TUMBLE DRY TEST (CWT)

Property	Test method	Pass level
Total dimensional change (% shrinkage: maximum) Number and type of cycles: 3 x CWT		Length: 5 < DC Width: 5 < DC

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

NOTES

1. Woolmark TM31 Dimensional Stability

–5 < DC indicates that the maximum shrinkage allowable is 5%.

Acceptable indicates a minimal level of after wash felting and consolidation.

2. CWT test method

A machine with a gentle action wool cycle must be used.

A Woolmark labelled detergent at the recommended dose is preferred.

The following cycle parameters are used for the CWT cycle:

Warm wash	10 mins
Spray rinse	3 mins
Spin	2 mins
Rinse cold	4 mins
Spin	2 mins
Rinse cold	3 mins
Spin	6 mins
Tumble dry (warm setting)	30 mins

The CWT test must be performed on all products for which the care claim 'Machine wash and tumble dry' is required. To be approved the product must meet the noted specifications.

The test result from the CWT will be used to make a final decision regarding the acceptability of a product with a 'Machine wash and tumble dry' care claim into the Gold Label program.

woolmark.com



THE WOOLMARK COMPANY

Whilst The Woolmark Company Pty Ltd and its employees, officers and contractors, and any contributor to this material ("us" or "we") have used best commercial endeavours to ensure that the information contained in this material is correct and current at the time of its publication, we accept no liability with regard to its accuracy, reliability, suitability, currency or completeness for use for your purposes. To the extent permitted by law, we exclude all conditions, warranties, guarantees, terms and obligations expressed, implied or imposed by law or otherwise relating to the information contained in this material or your use of it and will have no liability to you, however arising and under any cause of action or theory of liability, in respect of any loss or damage (including any indirect, special or consequential loss or damage, loss of profit or loss of business opportunity), arising out of or in connection with this material or your use of it.

© The Woolmark Company Pty Ltd

All rights reserved. This work is copyright. Except as permitted under Copyright Law no part of this publication may be reproduced by any process, electronic or otherwise, without the specific written permission of the copyright owner. Neither may information be stored electronically in any form whatsoever without such permission.