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Canadian General Standards Board
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Series 4
Série des 4

WITHDRAWAL

December 2018

Selected standards in the series Textiles

These National Standards of Canada are hereby withdrawn due to limited use and support for their revision.

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Décembre 2018

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CAN/CGSB-4.31-2014

Terry towels and towelling (ICS 59.080.30)

CAN/CGSB-4.69-2014

Terry washcloths (ICS 97.160)

CAN/CGSB-4.117-2014

Polyester/cotton plain fabric (105 g/m², 150 g/m² and 170 g/m²) (ICS 59.080.30)

CAN/CGSB-4.141-2014

Polyester/cotton twill fabric (170 g/m² and 245 g/m²) (ICS 59.080.30)

CAN/CGSB-4.157-2014

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CAN/CGSB-4.31-2014

Serviettes et essuie-mains en tissu éponge, sur rouleau (ICS 59.080.30)

CAN/CGSB-4.69-2014

Débarbouillettes en tissu éponge (ICS 97.160)

CAN/CGSB-4.117-2014

Tissu de polyester et coton, armure unie (105 g/m², 150 g/m² et 170 g/m²) (ICS 59.080.30)

CAN/CGSB-4.141-2014

Tissu armure sergée polyester/coton (170 g/m² et 245 g/m²) (ICS 59.080.30)

CAN/CGSB-4.157-2014

Noms génériques des fibres chimiques (ICS 59.060.20)



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CAN/CGSB-4.69-2014

Supersedes CAN/CGSB-4.69-95

Terry washcloths

ICS 97.160



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National Standard of Canada

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Terry washcloths

CETTE NORME NATIONALE DU CANADA EST DISPONIBLE EN VERSIONS
FRANÇAISE ET ANGLAISE.

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Withdrawn

Terry washcloths

1 Scope

This National Standard of Canada applies to terry washcloths. It states the requirements for cotton and cotton/polyester commercial and utility/institutional washcloths.

The testing and evaluation of a product against this standard may require the use of materials and/or equipment that could be hazardous. This standard does not purport to address all the safety aspects associated with its use. Anyone using this standard has the responsibility to consult the appropriate authorities and to establish appropriate health and safety practices in conjunction with any applicable regulatory requirements prior to its use.

2 Normative references

The following normative documents contain provisions that, through reference in this text, constitute provisions of this National Standard of Canada. The referenced documents may be obtained from the sources noted below.

NOTE The addresses provided below were valid at the date of publication of this standard.

An undated reference is to the latest edition or revision of the reference or document in question, unless otherwise specified by the authority applying this standard. A dated reference is to the specified revision or edition of the reference or document in question. However, parties to agreements based on this National Standard of Canada are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below.

2.1 Canadian General Standards Board (CGSB)

CAN/CGSB-4.2 — *Textile test methods:*

No. 5.1 — *Unit mass of fabrics*

No. 9.2 — *Breaking strength of fabrics — Grab method — Constant-time-to-break principle*

No. 14 — *Quantitative analysis of fibre mixtures*

No. 15 — *Non-fibrous materials on textiles*

No. 17 — *Cuprammonium fluidity of textile cellulose (withdrawn in 2008)*

No. 18.3/ISO 105-B02 — *Textiles — Tests for colourfastness — Part B02: colourfastness to artificial light: xenon arc fading lamp test*

No. 22 — *Colourfastness to rubbing (crocking)*

No. 24 — *Colourfastness and dimensional change in commercial laundering.*

2.1.1 Source

The above may be obtained from the Canadian General Standards Board, Sales Centre, Gatineau, Canada K1A 1G6. Telephone 819-956-0425 or 1-800-665-2472. Fax 819-956-5740. E-mail ncr.cgsb-ongc@tpsgc-pwgsc.gc.ca. Web site www.tpsgc-pwgsc.gc.ca/ongc-cgsb.

2.2 International Organization for Standardization (ISO)

ISO 675 — *Textiles — Woven fabrics — Determination of dimensional change on commercial laundering near the boiling point.*

2.2.1 Source

The above may be obtained from IHS Global Canada Ltd., 200-1331 MacLeod Trail SE, Calgary, Alberta T2G 0K3, telephone 613-237-4250 or 1-800-267-8220, fax 613-237-4251, Web site www.global.ihs.com.

3 Classification

3.1 The washcloths shall be supplied in the following classes and types, as specified (see 8.1).

3.1.1 Classes

Class A — Commercial

Class B — Utility/institutional.

3.1.2 Types

Type 1 — Cotton

Type 2 — Cotton/polyester blend (minimum 80% cotton content).

4 General requirements

4.1 The washcloths covered by this standard shall be free from imperfections and blemishes that may adversely affect their appearance or serviceability.

5 Detailed requirements

5.1 Materials

5.1.1 Yarns

- a. **Pile Warp** — The pile warp yarns shall be singles, 100% cotton.
- b. **Ground Warp** — The ground warp yarns shall be singles or 2-ply carded cotton yarns, or single yarns spun from a blend of polyester and cotton fibres. When tested in accordance with CAN/CGSB-4.2 No. 14, the polyester content shall not exceed 65%.
- c. **Weft** — The weft yarns shall be single carded cotton yarns or single yarns spun from a blend of polyester and cotton fibres. When tested in accordance with CAN/CGSB-4.2 No. 14, the polyester content shall not exceed 65%.

5.1.2 Overedging

The yarns used for overedging or serging shall be of a warp yarn type with a resultant linear density of 40 to 50 tex. The colour shall match the washcloth.

5.2 Construction

5.2.1 Weave

The weave shall be a 3-pick terry. The ratio of feed of the pile warp to the ground warp shall not be less than 4 to 1.

NOTE A ratio of 3.5 to 1 is acceptable for Class B crested washcloths.

5.2.2 Overedging

The edges of the washcloths shall be serged or overedged with not less than four stitches per centimetre.

5.3 Design

The design (cross stripes, pile-free areas, coloured areas, woven identifications, etc.) shall be as agreed between the purchaser and the supplier as specified (see 8.1).

5.4 Colour

The colour of the washcloths shall be as specified (see 8.1). When required to be white, Type 1 washcloths shall be given a full commercial bleach and shall meet the requirements for cuprammonium fluidity specified in Tables 1 and 2.

5.5 Sizes

The finished dimensions shall be 30 x 30 cm \pm 3%.

5.6 Fabric

When tested in accordance with the specified test methods, the fabric shall comply with the requirements of Tables 1 and 2.

5.7 Marking

The marking of washcloths other than the design marking indicated in 5.3 shall be as specified (see 8.1).

6 Preparation for delivery

6.1 Packaging and labelling

Unless otherwise specified (see 8.1), normal commercial practice of packaging and labelling shall be acceptable. It is the manufacturer's responsibility to see that goods are packaged in a suitable manner to be delivered in an undamaged condition.

7 Inspection

7.1 Sampling

Sampling shall be left to the discretion of the purchaser, unless a specific sampling plan is specified (see 8.1).

7.2 The inspection authority reserves the right to perform any inspections considered necessary to ensure that material and services conform to the specified requirements.

8 Notes

8.1 Options

The following options shall be specified in the application of this standard:

- a. Class and type of washcloths (see 3.1)
- b. Design (see 5.3)
- c. Colour (see 5.4)
- d. Marking, if required (see 5.7)
- e. Packaging and labelling details, if other than as specified (see 6.1)
- f. Sampling if a specific sampling plan is required (see 7.1)

Withdrawn

Table 1 — Terry washcloths — Class A (Commercial)

Property	Test method	Requirements						
		Specified			Acceptable minimum			Acceptable maximum
Mass per unit area, g/m ²	CAN/CGSB-4.2 No. 5.1	390			390			—
Breaking strength, N, terry portion	CAN/CGSB-4.2 No. 9.2		Cotton	Cotton/polyester		Cotton	Cotton/polyester	—
		Warp	210	210	Warp	210	210	
		Weft	210	210	Weft	210	210	
Colourfastness:								—
— to rubbing	CAN/CGSB-4.2 No. 22	Grey scale 4			Grey scale 3			
— to light	CAN/CGSB-4.2 No. 18.3 /ISO105-B02	Standard L7			Standard L6			
— to laundering	CAN/CGSB-4.2 No.24	No appreciable change in colour, Grey scale 5			No appreciable change in colour, no appreciable staining, Grey scale 4			
Dimensional change in washing, %	ISO 675	—			—			Warp 8.0 Weft 4.0
Cuprammonium fluidity (Type 1 white only), (pa·s) ⁻¹	CAN/CGSB-4.2 No. 17	—			—			80
Non-fibrous materials, %	CAN/CGSB-4.2 No. 15	—			—			3.0

Table 2 — Terry washcloths — Class B (Utility/institutional)

Property	Test method	Requirements						
		Specified			Acceptable minimum			Acceptable maximum
Mass per unit area, g/m ²	CAN/CGSB-4.2 No. 5.1	470			450			—
Breaking strength, N, terry portion	CAN/CGSB-4.2 No. 9.2		Cotton	Cotton/polyester		Cotton	Cotton/polyester	—
		Warp	130	210	Warp	130	210	
		Weft	130	190	Weft	130	190	
Colourfastness:								
— to rubbing	CAN/CGSB-4.2 No. 22	Grey scale 4			Grey scale 3			—
— to light	CAN/CGSB-4.2 No. 18.3 /ISO105-B02	Standard L7			Standard L6			
— to laundering	CAN/CGSB-4.2 No.24	No appreciable change in colour, Grey scale 5			No appreciable change in colour, no appreciable staining, Grey scale 4			
Dimensional change in washing, %	ISO 675	—			—			Warp 8.0 Weft 4.0
Cuprammonium fluidity (Type 1 white only), (pa·s) ⁻¹	CAN/CGSB-4.2 No. 17	—			—			80
Non-fibrous materials, %	CAN/CGSB-4.2 No. 15	—			—			3.0