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**CAN/CGSB-98.3-2018**

Supersedes CAN/CGSB-98.3-M91



# National flag of Canada (One-event-only use)

Canadian General Standards Board **CGSB**



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NATIONAL STANDARD OF CANADA

CAN/CGSB-98.3-2018

Supersedes CAN/CGSB-98.3-M91

## **National flag of Canada (One-event-only use)**

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

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# National flag of Canada (One-event-only use)

## 1 Scope

This National Standard of Canada applies to the design, colours, and performance of the National Flag of Canada intended for one-event-only use.

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 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.

### 2.1 Canadian General Standards Board (CGSB)

CAN/CGSB-4.2 — *Textile Test Methods:*

No. 20 — *Colourfastness to Water.*

#### 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](mailto:ncr.cgsb-ongc@tpsgc-pwgsc.gc.ca). Web site [www.tpsgc-pwgsc.gc.ca/ongc-cgsb/index-eng.html](http://www.tpsgc-pwgsc.gc.ca/ongc-cgsb/index-eng.html).

### 2.2 ASTM International

ASTM D1729 — *Standard Practice for Visual Appraisal of Colors and Color Differences of Diffusely — Illuminated Opaque Materials*

ASTM E308 — *Standard Practice for Computing the Colors of Objects by Using the CIE System.*

#### 2.2.1 Source

The above may be obtained from ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959, U.S.A., telephone 610-832-9585, fax 610-832-9555, Web site [www.astm.org](http://www.astm.org), or from IHS Markit, 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](http://www.global.ihs.com).

## 2.3 International Commission on Illumination (CIE)

CIE S014-1/E2006 / ISO 11664-1 *Colorimetry — Part 1: CIE Standard Colorimetric Observers*

CIE S014-2/E2006/ ISO 11664-2 *Colorimetry — Part 2: CIE Standard Illuminants for Colorimetry*

CIE 15:2004 *Colorimetry*.

### 2.3.1 Source

The above may be obtained from the CIE Central Bureau, Kegelgasse 27, A-1030 Vienna, Austria. Telephone +43 1 71432870. Fax: +45 1 714318718. Web site: www.cie.co.at.

## 3 Terms and definitions

For the purposes of this National Standard of Canada, the following definition will apply:

### 3.1

#### One-event-only use flag

flag which is manufactured for use during a period of time of up to but not exceeding 24 h.

## 4 General requirements

The flag shall be free from imperfections and blemishes that may affect its appearance.

## 5 Detailed requirements

### 5.1 Design

The flag shall be of the proportions two by length and one by width, containing in its centre a white square the depth of the flag, with a single red maple leaf centred therein, in accordance with Figure 1.

### 5.2 Colours

The red and white colours shall have the following CIE (International Commission on Illumination) colour co-ordinates when measured in accordance with ASTM E308 using CIE Standard Illuminant D65 and the 1964 (10°) Standard Colorimetric Observer:

Red:	White:
Y = 14.6	Y = 88.9
x = 0.535	x = 0.312
y = 0.312	y = 0.320

### 5.3 Colourfastness to water

The flag shall not show change in colour or staining greater than Grey Scale 4 when tested in accordance with CAN/CGSB-4.2 No. 20.

## **5.4 Materials**

The flag should be biodegradable or recyclable.

## **6 Preparation for delivery**

### **6.1 Packaging and packing**

Unless otherwise specified (see 8.1), preparation for delivery shall conform to normal commercial practice.

## **7 Inspection**

### **7.1 Sampling**

Sampling for inspection and testing shall be at the discretion of the inspection authority unless a specific sampling plan is specified (see 8.1).

## **8 Options**

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

- a) Packaging and packing details, if other than as specified (see 6.1)
- b) Sampling, if a specific plan is required (see 7.1).



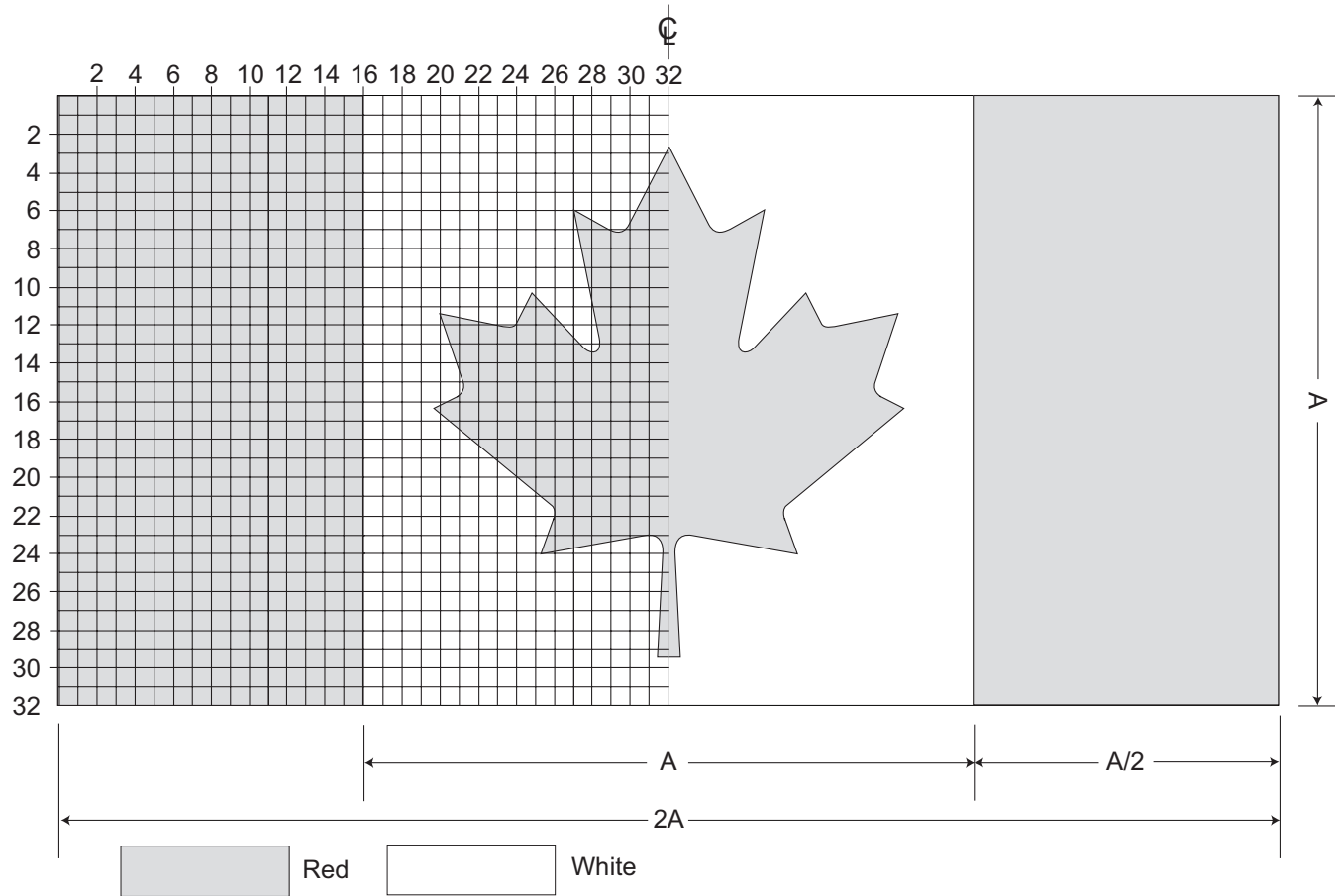


Figure 1 — Design of the National Flag of Canada