

NOTICE



This documentation has been reviewed by the technical authority and does not contain controlled goods. Disclosure notices and handling instructions originally received with the document must continue to apply.

AVIS

Cette documentation a été révisée par l'autorité technique et ne contient pas de marchandises contrôlées. Les avis de divulgation et les instructions de manutention reçues originalement doivent continuer de s'appliquer.

**SPECIFICATION  
FOR  
CLOTH, COTTON, DUCK, UNBLEACHED, PLIED YARNS**

1.1 Scope

This specification covers the requirements for cloth, cotton, duck, unbleached with plied yarns.

1.2 Classification

The fabric must be classified as: Cloth, Cotton, Duck, Unbleached, Plied Yarns.

1.3 Applicable Documents

The following documents form part of this specification to the extent specified, and are supportive of this specification when referenced; all other document references are to be considered supplemental information only. In the event of a conflict between the documents referenced and the contents of this specification, then the contents of this specification must take precedence:

CAN/CGSB Standards (email: [ncr.cgsb-ongc@pwgsc.gc.ca](mailto:ncr.cgsb-ongc@pwgsc.gc.ca))

- CAN/CGSB-4.2-M Textile Test Methods

FED Standards (Download Documents: <http://assist.daps.dla.mil/quicksearch/>)

- FED-STD-595C - Colors Used in Government Procurement

1.4 Order of Precedence

In the event of any inconsistency in contract documents such as contract, specification and sealed patterns, the order of precedence must be contract, specification, and sealed pattern. In the event of a conflict between the text of this specification and the references cited herein, the text of this specification must take precedence. For any inconsistency in technical details between languages, the language of the original document, which in this case is English, must take precedence. Nothing in this document supersedes applicable laws and regulations, unless a specific exemption has been obtained.

**2.0 REQUIREMENTS**

2.1 Fabric

The fabric must be a plain weave. When tested in accordance with the applicable test methods, the finished fabric must comply with the requirements specified in Table 1.

2.2 Workmanship

The material covered by the Specification must be free of imperfections or blemishes such as may adversely affect its appearance or serviceability. For inspection purposes, imperfections and blemishes will be considered defects when clearly visible at a normal inspection distance of approximately 1 meter (3.3 ft) under good, preferably North light, lighting conditions.

### 2.3 Yarns

Yarns in both the warp and weft must be 100% cotton.

### 2.4 Colour

The fabric must be a non-florescent earth-tone colour. By definition, earth tone is considered a color scheme that draws from a color palette of browns, tans, grays, greens, oranges, whites and some reds. The colors in an earth tone scheme are muted and flat in an emulation of the natural colors found in soils, moss, trees and rocks. For the purpose of this specification, the earth tone color must be based on the predominantly brown, tan and gray color series (lusterless) within FED STD-595C, where those colors do not include any elements of orange, red and white..

Table 1: Finished Cloth

Mass (g/m <sup>2</sup> ) CAN/CGSB-4.2 Test Method 5.1	Non-fibrous material (Maximum) CAN/CGSB-4.2 Test Method 15 (Note 1)	Yarns per cm (Minimum) CAN/CGSB-4.2 Test Method 6		Ply of yarn (Minimum)		Breaking Strength (N) (Minimum) CAN/CGSB-4.2 Test Method 9.1	
		Warp	Weft	Warp	Weft	Warp	Weft
240	2%	18	13	2	2	580	270
280	2%	18	13	2	2	600	355
320	2%	18	13	2	2	625	445
360	2%	18	13	2	2	690	535
400	2%	17	13	2 or 3	3 or 2	780	535
480	2%	17	12	3	3	980	780

Note 1 - aqueous and enzyme treatments only.