

INCH-POUND

MIL-STD-3064

18 June 2019

DEPARTMENT OF DEFENSE
STANDARD PRACTICE

EVALUATION OF QUALITY
OF TEXTILE MATERIALS



AMSC N/A

FSC 8305

Foreword

1. This standard is approved for use by all Departments and Agencies of the Department of Defense (DoD).
2. This standard provides the following information:
 - A standard test method for visually inspecting and grading fabrics using the demerit point system and standard terminology relating to fabric defects.
 - Defect tables for six (6) types of materials as follows:
 - Type I - Solid colors and printed fabrics
 - Type II - Coated fabrics
 - Type III - Laminated fabrics
 - Type IV - Webbing, braids, tapes, and elastics
 - Type V - Knits
 - Type VI - Threads.
 - A list of exceptions to ASTM D5430, Option A.
3. Comments, suggestions or questions on this document should be addressed to: Attn: DLA Troop Support, 700 Robbins Street, Philadelphia, PA 19111-5096. Since contact information can change, you may want to verify the currency of this address information using Acquisition Streamlining and Standardization Information System (ASSIST) online database at <https://assist.dla.mil>.

CONTENTS

<u>PARAGRAPH</u>	<u>PAGE</u>
FOREWARD	
1. SCOPE	1
1.1 Purpose	1
1.2 Scope	1
1.3 Classification.....	1
1.4 Applicability	1
2. APPLICABLE DOCUMENTS	1
2.1 General	1
2.2 Government documents	1
2.2.1 Specifications, standards, and handbooks	1
2.2.2 Other Government documents, drawings,	1
and publications	
2.3 Non-Government publications	2
2.4 Order of precedence	2
3. DEFINITIONS.....	2
3.1 Textile material defects.....	2
3.2 Textile materials.....	2
3.3 Coated fabric.....	2
3.4 Laminated fabric	3
4. GENERAL REQUIREMENTS	3
4.1 General.....	3
4.2 Recycled, recovered, or environmentally preferable, or biobased materials.....	3
5. DETAILED REQUIREMENTS.....	3
5.1 Yard-by-yard examination.....	3
5.2 Four (4) point defects.....	3
TABLE I. Dyed and printed fabrics defects	4
TABLE II. Coated fabrics defects	4
TABLE III. Laminated fabrics defects	5
TABLE IV. Webbing, braids, tapes and elastics defects	5
TABLE V. Knit defects	6
TABLE VI. Thread defects.....	7
5.3 Roll examination.....	7
5.3.1 Roll examination.....	7
TABLE VII. Roll examination defects	7
5.4 Shade variation examination.....	7

CONTENTS. Continued

5.5	Length examination	8
5.5.1	Individual roll.....	8
5.5.2	Total yardage in sample.....	8
5.6	Shade match and appearance examination	8
5.7	Inspection procedures	8
6.	NOTES	8
6.1	Intended use	8
6.2	Acquisition requirements	8
6.3	Subject term (key word) listing	8

1. SCOPE

1.1 Purpose: The purpose of this standard is to provide standardized examination provisions for evaluating quality of textile materials: including selected fabrics, cloths, webbings, braids, tapes, elastics, knits, and threads that are the basic materials for quality uniform and individual equipment items.

1.2 Scope. This standard covers the inspection provisions requirements for textile materials (woven fabrics, webbings, knits, threads, etc.) used in military clothing and individual equipment items.

1.3 Classification. Inspection provisions are provided for the following types for use in the inspection of various textile materials, as specified (see 6.2).

Type I - Solid colors and printed fabrics

Type II - Coated fabrics

Type III - Laminated fabrics

Type IV - Webbings, braids, tapes, and elastics

Type V - Knits

Type VI - Threads.

1.4 Applicability. The inspection provisions cited in this standard can be used by all Services to inspect textile materials used in clothing and individual equipment items.

2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3, 4 and 5 of this standard. This section does not include documents cited in other sections of this standard or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements of documents cited in sections 3, 4 and 5 of this standard, whether or not they are listed.

2.2 Government documents.

2.2.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

DEPARTMENT OF DEFENSE STANDARDS

MIL-STD-1487 – Glossary of Cloth Coating Imperfections

(Copies of this document are available online at <https://quicksearch.dla.mil>.)