



AEROSPACE MATERIAL SPECIFICATION

AMS2980™/3**REV. B**

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Superseding AMS2980/3A

Carbon Fiber Fabric and Epoxy Resin Wet Lay-Up Repair Material Part 3 – Purchasing Specification - Fabric

RATIONALE

AMS2980/3B is a Five Year Review and update of this specification.

FOREWORD

This Purchasing Specification (PS) is part of the Technical Specification system described in AMS2980.

TABLE OF CONTENTS

1.	SCOPE	3
1.1	Limitation	3
2.	APPLICABLE DOCUMENTS	3
2.1	SAE Publications	3
2.2	ASTM Publications	3
2.3	ISO Publications	3
2.4	PRI Publications	3
3.	DEFINITIONS	3
4.	REQUIREMENTS	4
4.1	Woven Fabric Defects	4
4.2	Defect Credit for Fabric	4
5.	RELEASE TESTING	4
5.1	Fiber	4
5.2	Fabric	4
5.3	Fabric Manufacturer Additional Inspection	5
5.3.1	Conformance to Weight and Dimensional Requirements	5
5.3.2	Inspection of Packaging	5
5.4	Fabric Retest	5
5.5	Rejection	5
5.6	Sampling	5
6.	PREPARATION FOR DELIVERY	6
6.1	Packing	6
6.1.1	General	6
6.1.2	Carbon Fibers	6
6.1.3	Fabric Rolls	6
6.2	Marking	7
6.2.1	Carbon Fiber	7
6.2.2	Carbon Fiber Fabric	7
6.3	Storage and Shipment	8
7.	NOTES	8

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<https://www.sae.org/standards/content/AMS2980/3B/>

Documents

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TABLE OF TABLES

TABLE 1 - BATCH RELEASE TESTS FOR CARBON FIBER YARN..... 4

TABLE 2 - BATCH RELEASE TESTS FOR CARBON FABRIC 4

TABLE 3 - SAMPLING FOR CARBON FIBER FABRIC 6

1. SCOPE

This PS, AMS2980/3, specifies the batch release and delivery requirements for carbon fiber and carbon fabric used for wet lay-up repair purposes.

1.1 Limitation

This specification relates to qualified carbon fiber and carbon fabric listed in the associated PRI QPL AMS2980.

2. APPLICABLE DOCUMENTS

The issue of the following documents in effect on the date of the purchase order forms a part of this specification to the extent specified herein. The supplier may work to a subsequent revision of a document unless a specific document issue is specified. When a referenced document has been cancelled and no superseding document has been specified, the last published issue of that document shall apply.

2.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), www.sae.org.

AMS2980 Technical Specification: Carbon Fiber Fabric and Epoxy Resin Wet Lay-Up Repair Material Part 0 – Introduction

AMS2980/1 Technical Specification: Carbon Fiber Fabric and Epoxy Resin Wet Lay-Up Repair Material Part 1 - General Requirements

2.2 ASTM Publications

Available from ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959, Tel: 610-832-9585, www.astm.org.

ASTM D 3990 Terminology Relating to Fabric Defects

2.3 ISO Publications

Available from International Organization for Standardization, 1, rue de Varembe, Case postale 56, CH-1211 Geneva 20, Switzerland, Tel: +41 22 749 01 11, www.iso.org.

ISO 1889 Carbon Fibre - Determination of Linear Density First Edition

ISO 1890 Reinforcement Yarns - Determination of Twist

ISO 10119 Carbon Fibre - Determination of Density

ISO 10548 Carbon Fibre - Determination of Size Content

ISO 10618 Carbon Fibre - Determination of Tensile Properties of Resin-Impregnated Yarn

2.4 PRI Publications

Available from Performance Review Institute, 161 Thornhill Road, Warrendale PA 15086-7527, Tel: 724-772-1616, www.pri-network.org.

PRI QPL AMS2980 Qualified Products List of AMS2980

3. DEFINITIONS

Refer to AMS2980/1.