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FSC 5970

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400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE MATERIAL SPECIFICATION



AMS-DTL-23053/7

Issued

JUL 1999

Insulation Sleeving, Electrical, Heat Shrinkable,
Polyethylene Terephthalate, Non-Crosslinked

FSC 5970

NOTICE

This document has been taken directly from U.S. Military Specification MIL-DTL-23053/7C and contains only minor editorial and format changes required to bring it into conformance with the publishing requirements of SAE technical standards. The initial release of this document is intended to replace MIL-DTL-23053/7C. Any part numbers established by the original specification remain unchanged.

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The requirements for acquiring the sleeving described herein shall consist of this specification sheet and the issue of the following specification listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation: MIL-DTL-23053

REQUIREMENTS:

Polymer type: The base polymer used in formulating this sleeving shall be polyethylene terephthalate.

Continuous operating temperature range: -60°C (-76°F) to +135°C (+275°F).

Classification: The heat shrinkable sleeving shall be furnished in the following classes, as specified (see 6.2a):

Class 1 - Single longitudinal seam, thermally bonded

Class 2 - Spirally wound, resin bonded

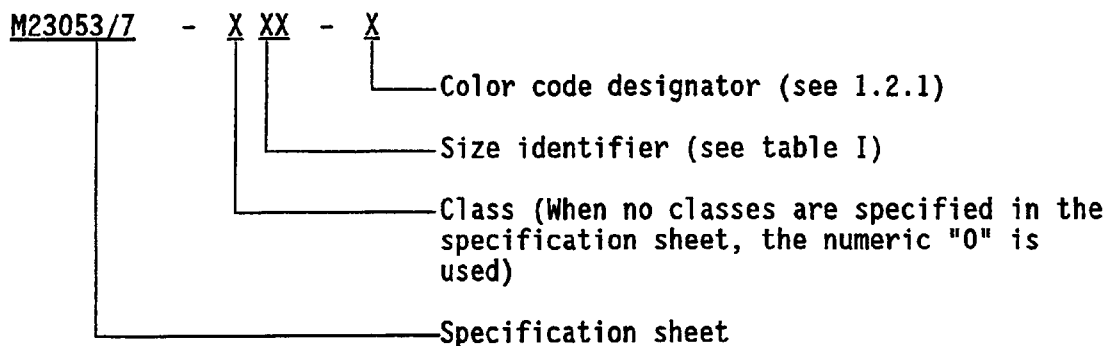
Color: The heat shrinkable sleeving shall be furnished in clear, as manufactured. The acquiring activity may specify colors for Class 2 sleeving only (see 6.2b). Colors shall conform to Class I of MIL-STD-104.

Longitudinal change:

Class 1: 30 percent maximum

Class 2: 35 percent maximum

Military part number: The military part number shall consist of the basic number of this specification sheet and dash numbers as follows:



Example: Class 1, .125 (3.2 mm), as supplied ID sleeving shall be identified as M23053/7-103-C.