



AEROSPACE MATERIAL SPECIFICATION

AMS-DTL-23053™/4

REV. B

Issued 1999-07
Revised 2012-08
Cancelled 2018-12

Superseded by AS23053/4

Insulation Sleeving, Electrical, Heat Shrinkable,
Polyolefin, Dual-Wall, Outer Wall Crosslinked

FSC 5970

RATIONALE

Requirements of AMS-DTL-23053/4 have been replaced in entirety by AS23053/4.

CANCELLATION NOTICE

This Technical Report has been declared "CANCELLED" as of December 2018 and has been superseded by AS23053/4. By this action, this document will remain listed in the respective index, if applicable. Cancelled Technical Reports are available from SAE.

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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 the outer wall of this sleeving shall be polyolefin.

Continuous operating temperature range: -67 °F (-55 °C) to +230 °F (+110 °C).

Composition: The heat shrinkable sleeving shall consist of a crosslinked outer wall which shrinks and an inner wall which flows upon the application of heat.

Color: The heat shrinkable sleeving shall be furnished in the color specified by the acquisition activity (See 6.4b and 6.8); however, black shall be considered standard. Colors shall conform to the requirements of Class 1 of MIL-STD-104 (See 1.2.1 and 3.4.2.1).

Classification: The heat shrinkable sleeving shall be furnished in the following classes, as specified (See 6.4a and 6.8):

Class 1 - Semi-rigid, non-flame retardant

Class 2 - Flexible, flame retardant

Class 3 - Flexible, flame retardant, high expansion

Longitudinal change:

Class 1 - +1, -10 percent

Class 2 - +1, -5 percent

Class 3 - +1, -15 percent