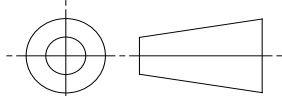


SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

REV. A			FEDERAL SUPPLY CLASS 5970
AMS-I-23053™/2	RATIONALE THIS DETAIL SPECIFICATION IS NOT LINKED TO ANY BASE SPECIFICATION. THIS DETAIL SPECIFICATION REQUIRES CONVERSION TO AS23053/2 AND TO BE CANCELLED. CANCELLATION NOTICE THIS TECHNICAL REPORT HAS BEEN DECLARED "CANCELLED" AS OF FEBRUARY 2019 AND HAS BEEN SUPERSEDED BY AS23053/2. BY THIS ACTION, THIS DOCUMENT WILL REMAIN LISTED IN THE RESPECTIVE INDEX, IF APPLICABLE. CANCELLED TECHNICAL REPORTS ARE AVAILABLE FROM SAE.		
		SAE values your input. To provide feedback on this Technical Report, please visit http://standards.sae.org/AMS-I-23053/2A	THIRD ANGLE PROJECTION 
CUSTODIAN: AMS-CE		PROCUREMENT SPECIFICATION: NONE	
	AMS STANDARD INSULATION SLEEVING, ELECTRICAL, HEAT SHRINKABLE, POLYVINYL CHLORIDE, FLEXIBLE, CROSSLINKED AND NON-CROSSLINKED		AMS-I-23053™/2 REV. A

NOTICE

THIS DOCUMENT HAS BEEN TAKEN DIRECTLY FROM U.S. MILITARY SPECIFICATION MIL-I-23053/2C, AMENDMENT 1, NOTICE 1 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-I-23053/2C, AMENDMENT 1, NOTICE 1. ANY PART NUMBERS ESTABLISHED BY THE ORIGINAL SPECIFICATION REMAIN UNCHANGED.

THE ORIGINAL MILITARY SPECIFICATION WAS ADOPTED AS AN SAE STANDARD UNDER THE PROVISIONS OF THE SAE TECHNICAL STANDARDS BOARD (TSB) RULES AND REGULATIONS (TSB 001) PERTAINING TO ACCELERATED ADOPTION OF GOVERNMENT SPECIFICATIONS AND STANDARDS. TSB RULES PROVIDE FOR (A) THE PUBLICATION OF PORTIONS OF UNREVISED GOVERNMENT SPECIFICATIONS AND STANDARDS WITHOUT CONSENSUS VOTING AT THE SAE COMMITTEE LEVEL, AND (B) THE USE OF THE EXISTING GOVERNMENT SPECIFICATION OR STANDARD FORMAT.

UNDER DEPARTMENT OF DEFENSE POLICIES AND PROCEDURES, ANY QUALIFICATION REQUIREMENTS AND ASSOCIATED QUALIFIED PRODUCTS LISTS ARE MANDATORY FOR DOD CONTRACTS. ANY REQUIREMENT RELATING TO QUALIFIED PRODUCTS LISTS (QPL'S) HAS NOT BEEN ADOPTED BY SAE AND IS NOT PART OF THIS SAE TECHNICAL DOCUMENT.

	AMS STANDARD	AMS-I-23053™/2 SHEET 1 OF 6	REV. A
	INSULATION SLEEVING, ELECTRICAL, HEAT SHRINKABLE, POLYVINYL CHLORIDE, FLEXIBLE, CROSSLINKED AND NON-CROSSLINKED		



Documents

Document Sharing Hub

THE COMPLETE REQUIREMENTS FOR PROCURING THE SLEEVING DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE ISSUE IN EFFECT OF MIL-I-23053.

INACTIVE FOR NEW DESIGN

REQUIREMENTS:

THESE SLEEVINGS SHALL BE EXCLUDED FROM USE ON ALL SPACE VEHICLES, ALL AIRCRAFT, AND IN ENCLOSURES WHICH ARE SEALED OR PRIMARILY DEPENDENT ON RECIRCULATED ATMOSPHERE FOR COOLING.

CONTINUOUS OPERATING TEMPERATURE RANGE: -20°C (-4°F) TO +105°C (221°F).

CLASSIFICATION: THE HEAT SHRINKABLE SLEEVING SHALL BE FURNISHED IN THE FOLLOWING CLASSES, AS SPECIFIED:

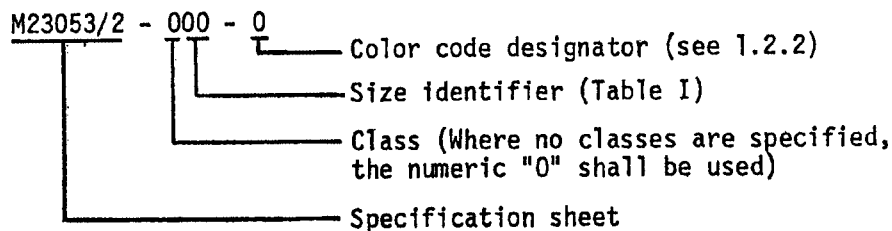
CLASS 1 - CROSSLINKED

CLASS 2 - NON-CROSSLINKED

COLOR: CLASS 1 SHALL BE FURNISHED IN COLORS CONFORMING TO CLASS II OF MIL-STD-104. CLASS 2 SHALL BE FURNISHED IN CLEAR OR COLORS CONFORMING TO CLASS II OF MIL-STD-104 (SEE 1.2.2 AND 3.5.1.5).

LONGITUDINAL CHANGE: CLASS 1, +1%; CLASS 2, -25%
-10

MILITARY PART NUMBER: THE MILITARY PART NUMBER SHALL CONSIST OF THE BASIC NUMBER OF THIS SPECIFICATION SHEET AND DASH NUMBERS AS SHOWN BELOW:



EXAMPLE: CLASS 2, STANDARD WALL, CLEAR, 0.750 INCH AS SUPPLIED ID SLEEVING SHALL BE IDENTIFIED AS M23053/2-209-C.

	AMS STANDARD	AMS-I-23053™/2 SHEET 2 OF 6	REV. A
	INSULATION SLEEVING, ELECTRICAL, HEAT SHRINKABLE, POLYVINYL CHLORIDE, FLEXIBLE, CROSSLINKED AND NON-CROSSLINKED		



Documents

Document Sharing Hub