

AS85080/5

NOTICE

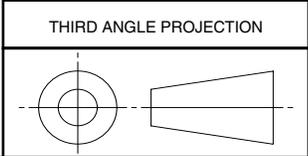
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ISSUED 2004-04

CUSTODIAN: SAE AE-8/AE-8C2		PROCUREMENT SPECIFICATION: MIL-I-85080	
<p>SAE Aerospace An SAE International Group</p>	AEROSPACE STANDARD		AS85080/5 SHEET 1 OF 3
	INSULATION SLEEVING, ELECTRICAL, SHRINKABLE WITHOUT HEAT, POLYCHLOROPRENE		

REQUIREMENTS:

CONTINUOUS OPERATING TEMPERATURE RANGE: -55°C (-67°F) TO +120°C (+248°F).

MODE OF SHRINKAGE: THE HEATLESS SHRINK SLEEVING SHALL RECOVER TO A PREDETERMINED DIAMETER UPON EXPOSURE TO THE ATMOSPHERE. NO EXTERNAL SOURCES OF HEAT ARE REQUIRED.

COLOR: THE SLEEVING SHALL BE FURNISHED IN A BLACK COLOR THAT CONFORMS TO THE REQUIREMENTS OF CLASS II OF MIL-STD-104. OTHER COLORS ARE AVAILABLE.

LONGITUDINAL CHANGE: ± 10 PERCENT.

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

M85080/5 - X XX - X
 | | | | _____ COLOR CODE DESIGNATOR (SEE 1.2.2)
 | | | | _____ SIZE IDENTIFIER (TABLE I)
 | | | | _____ CLASS (WHERE NO CLASSES ARE
 | | | | SPECIFIED, THE NUMERIC "0"
 | | | | SHALL BE USED)
 | | | | _____ SPECIFICATION SHEET

EXAMPLE: BLACK, 0.843 INCH AS SUPPLIED I.D. SLEEVING SHALL BE IDENTIFIED AS M85080/5-006-0.

TABLE I. DIMENSIONS (INCHES) ^{1/}

MILITARY PART NUMBER ^{2/}	AS SUPPLIED I.D. MIN ^{3/}	AFTER UNRESTRICTED SHRINKAGE	
		I.D. MAX	WALL THICKNESS ^{4/}
M85080/5-001-0	.170	.125	.062
M85080/5-002-0	.252	.187	.062
M85080/5-003-0	.338	.250	.062
M85080/5-004-0	.506	.375	.062
M85080/5-005-0	.672	.500	.062
M85080/5-006-0	.843	.625	.062
M85080/5-007-0	1.012	.750	.062
M85080/5-008-0	1.181	.875	.062
M85080/5-009-0	1.350	1.000	.062
M85080/5-010-0	1.688	1.250	.062
M85080/5-011-0	2.025	1.500	.070
M85080/5-012-0	2.363	1.750	.070
M85080/5-013-0	2.700	2.000	.070
M85080/5-014-0	3.375	2.500	.070
M85080/5-015-0	4.050	3.000	.070

^{1/} DIAMETER LIMITS FOR OBJECT TO BE ENCLOSED SHOULD BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER.

^{2/} THE COLOR IDENTIFIED IS THE STANDARD ACQUISITION COLOR.

^{3/} THE INNER DIAMETER OF THE SLEEVE MAY BE MECHANICALLY EXPANDED 2X THE RECOVERED INSIDE DIAMETER WHEN IN THE AS-SUPPLIED CONDITION. THE MANUFACTURER SHOULD BE CONSULTED FOR SPECIAL APPLICATIONS AND RECOMMENDATIONS.

^{4/} WALL SHRINKAGE WILL BE LESS IF SHRINKAGE IS RESTRICTED.

UNRESTRICTED SHRINKAGE: 4.6.3.13; 23° \pm 1°C (73.4° \pm 2°F) FOR 24 HOURS.