

INCH-POUND

MIL-T-63072 (AR)  
 AMENDMENT 4  
 28 NOVEMBER 1989  
 SUPERSEDES  
 AMENDMENT 3  
 23 December 1982

MILITARY SPECIFICATION  
 THREAD, POLYESTER

This Amendment forms a part of Military Specification MIL-T-63072 (AR), dated 28 March 1977, and is approved for use within the US Army Armament Munitions and Chemical Command and is available for use by all Departments and Agencies of the Department of Defense.

- \* 3.5 Physical characteristics. Delete Table I - TWISTED SOFT MULTIPLE CORD CLASS I (LOW ELONGATION) and substitute the following:

TABLE I  
 TYPE I - TWISTED SOFT MULTIPLE CORD CLASS 1  
 (LOW ELONGATION)

Letter Size	Plies	Final Twist	Length per Pound	Length per Pound	Breaking Strength	Elongation (percent)
		(TPI) min	(yards) min	(yards) max	(pounds) min	max
B	2 or 3	7.0	8,500	13,200	4.3	25
SB	2	7.0	8,000	10,000	6.0	25
E	3	6.0	5,000	7,000	8.0	25

- \* 3.5.1 Maximum length per pound. Delete in its entirety.
- 3.6 Finish. Delete in its entirety and substitute the following:

"3.6 Finish. The thread shall have silicon oil 200 centistroke lubricant or finish applied to provide good sewing characteristic as determined by the user and when tested as specified in 4.5.5."

- 3.7 Put-up. Line 8, after the word ounces, add the word "or".

PAGE 9

- 4.4.4 Inspection equipment. Delete paragraph in its entirety and substitute the following:

AMSC N/A

FSC 8310

1 of 2

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MIL-T-63072 (AR)  
AMENDMENT 4

"4.4.4 Inspection equipment. For the performance of all tests and examinations specified in 4.4, commercial inspection equipment should be employed. The contractor shall have available, and utilize correctly, this equipment and is charged with the responsibility of assuring that proper calibration procedures are followed. Government approval of all inspection equipment is required prior to its use for acceptance purposes."

PAGE 11

6.2 Ordering data. Add the following:

"f. Finish as specified in the contract (see 3.6)."

PAGE 12

6.5 Submission of inspection equipment designs for approval. Delete this paragraph in its entirety and substitute the following:

"6.5 Prior approval of the contracting officer is required for use of equivanlent test methods. A description of the proposed method should be submitted through the Contracting Officer to Commander, AMCCOM, ATTN: AMSMC-QAR-R, Picatinny Arsenal, NJ 07806-5000. The description should include but not be limited to the procedures used, the accuracy and precision of the method, test data to demonstrate the accuracy and precision and drawings of any special equipment required."

The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

Custodian:  
Army-AR

Preparing activity:  
Army-AR

(Project 8310-A173)