



PIA-TEST METHOD-6004B

24 May, 2010

Superseding

PIA-TEST METHOD-6004A

04 August 2007

The following commercial specification is originally adopted from the military document. Revision A includes all known accepted revisions, amendments, notices, and Department of Defense (DoD) engineering changes previously developed for this item. Revision B and later include changes adopted by DoD and Industry to reflect technology and design evaluation.

LENGTH PER UNIT WEIGHT; CORDAGE

1. SCOPE

1.1 This method is intended for determining the length-weight relationship of natural and synthetic fiber cordage.

2. TEST SPECIMEN

2.1 The test specimen size shall be as specified below:

SPECIMEN SIZE

<u>Specimen</u>	<u>Length (Minimum)</u>	
	<u>Feet</u>	<u>Meters</u>
Cordage - less than 3 inches (76 mm) in circumference	10	3.0
Cordage - 3 inches (76 mm) to 6 inches (152 mm) inclusive in circumference	5	1.5
Cordage - over 6 inches (152 mm) in circumference	3	0.91

3. NUMBER OF DETERMINATIONS

3.1 Unless otherwise specified in the procurement document, one determination shall be made on each sample unit.

4. APPARATUS

4.1 Tension apparatus. Any suitable device may be used for required load.

4.2 Balance. A balance capable of weighing the specimen to an accuracy of 0.25 percent of the specimen weight.

4.3 Measurement stick or metal tape. Yardstick, meterstick, metal tape or other suitable measuring device graduated in increments of 1/16 inch (1 mm).

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