

MIL-A-46027G(MR)  
 AMENDMENT 1  
3 October 1985

MILITARY SPECIFICATION  
 ARMOR PLATE, ALUMINUM ALLOY, WELDABLE  
 5083 and 5456

This amendment forms a part of Military Specification MIL-A-46027G(MR), dated 6 January 1984, and is approved for use by the Department of the Army and is available for use by all Departments and Agencies of the Department of Defense.

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Paragraph 4.6.3, line 8, after the last sentence, add the following:

"In those cases where the BL(P) is within  $\pm 10$  fps of the minimum required value for the measured average thickness (to the nearest 0.005-inch), an interpolation of the appropriate ballistic limit table will be performed. The average plate thickness, computed to the nearest 0.001-inch, will be used to determine the minimum required BL(P)".

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Add new paragraph after 6.5:

6.6 Metric units. When metric dimensions are required, units for inch, foot, foot-pounds and feet per second may be converted to the metric equivalent by multiplying them by the following conversion factors:

<u>English</u>	<u>Multiply by</u>	<u>Equals</u>	<u>Metric SI unit</u>
inch	0.0254	=	metre (m)
foot	0.3048	=	metre (m)
foot-lb	1.3558	=	joule (J)
feet/sec	0.3048	=	metre per second (m/s)

Note: Conversion factors can be associated with ASTM E 380 entitled "Metric Practice Guide".

FSC 9535/

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MIL-M-50380(AR)  
AMENDMENT 2

<u>CHARACTERISTIC</u>	<u>REQUIREMENT</u>	<u>TEST PROCEDURE</u>
116. Telescope clamping mechanism, unlocked position	3.11.1 3.11.1.1	4.6.5, 4.6.5.1
117. Telescope clamping mechanism, locked position	3.11.1 3.11.1.2	4.6.5, 4.6.5.2

The margins of this amendment are marked with an asterisk or vertical lines 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 relations to the last previous amendment.

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