

SAE Aerospace An SAE International Group AEROSPACE MATERIAL SPECIFICATION	SAE AMS-P-83461/1	REV. B
	Issued1999-06 Revised2002-02 Cancelled2011-03 Superseded by AS83461/1	
Packing, Preformed, Petroleum Hydraulic Fluid Resistant Improved Performance at 275°F (135°C) Sizes and Tolerances		

RATIONALE

AMS-P-83461/1A is a word for word copy of MIL-P-83461/1. AS83461/1 - "Packing, Preformed - M83461 O-Ring" was released on 25 September 2009 to replace AMS-P-83461/1A. On 20 January 2010, the U.S. Department of Defense withdrew its adoption of AMS-P-83461/1A and directed that future acquisition refer to AS83461/1. To streamline the acquisition process and to be consistent with the actions of the U.S. Department of Defense AMS-P-83461/1A is cancelled and replaced by the new AS83461/1 document for quality and procurement purposes.

CANCELLATION NOTICE

This specification has been declared "CANCELLED" by the Aerospace Materials Division, SAE, as of March 2011 and has been superseded by AS83461/1. The requirements of the latest issue of AS83461/1 shall be fulfilled whenever reference is made to the cancelled AMS-P-83461/1. By this action, this document shall remain listed in the Numerical Section of the Index of Aerospace Material Specifications, noting that it has been superseded by AS83461/1.

Cancelled specifications are available from SAE.

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

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NOTICE

This document has been taken directly from U.S. Military Specification MIL-P-83461/1B 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-P-83461/1B. 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.

The requirements for acquiring the product described herein shall consist of this specification sheet and the issue of the following specification listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation: MIL-P-83461.

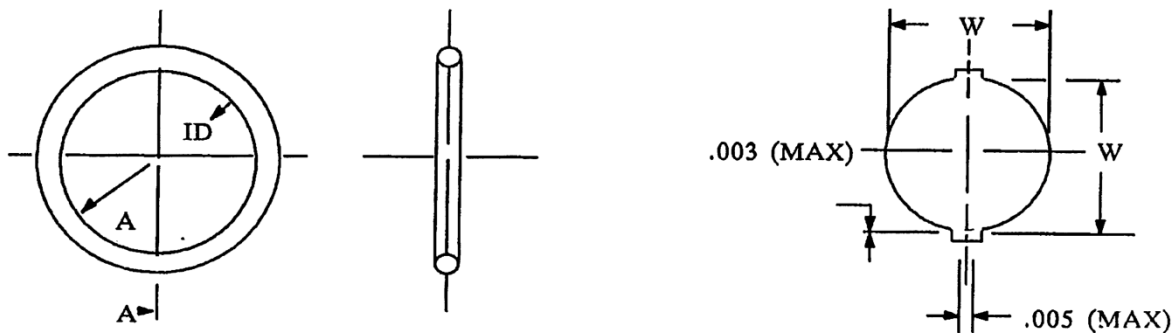
PURPOSE: The purpose of this specification sheet is to set up a standardized part numbering system for O-rings procured to MIL-P-83461.

APPLICABLE DOCUMENT

AS 568 Aerospace Size Standards for O-Rings

(Applications for copies should be addressed to Society of Automotive Engineers, 400 Commonwealth Drive, Warrendale, PA 15096).

DIMENSIONS AND TOLERANCES



ALL DIAMETERS OF CROSS-SECTION
SHALL EQUAL W
SECTION A - A

PART NUMBERS. When this document is used for procurement of O-rings, part numbers shall consist of the following:

- The letter M and the specification sheet number.
- A dash followed by the appropriate dash number from table I or table II.

Example 1 (table I)

Example 2 (table II)

M83461/1-214

M83461/1-337