

NOT MEASUREMENT
SENSITIVE

A-A-52468

July 20, 1993

SUPERSEDING

MS51091B

29 December 1967

COMMERCIAL ITEM DESCRIPTION

GASKET: FILTER, FLUID, PRESSURE, AUTOMOTIVE FUEL

The General Services Administration has authorized the use of this commercial item description (CID) as a replacement for MS51091B, which is canceled.

ABSTRACT

This CID covers a synthetic rubber gasket used in pressurized automotive fuel filters.

SALIENT CHARACTERISTICS

a. Material. The gasket shall be made of a low volume swell synthetic rubber designation M5BG610A14B24E014F17 or M5BG710A14B24E014F17 in accordance with American Society for Testing and Materials (ASTM) standard D2000. The use of recovered materials made in compliance with regulatory requirements is acceptable providing that all requirements of this CID are met (see note e).

1. Age control. The maximum age of gaskets at the time of acceptance by the Government acquiring activity shall be no more than 40 quarters from the cure date.

b. Gasket sizes. Gaskets shall be made in accordance with the sizes specified in figure 1.

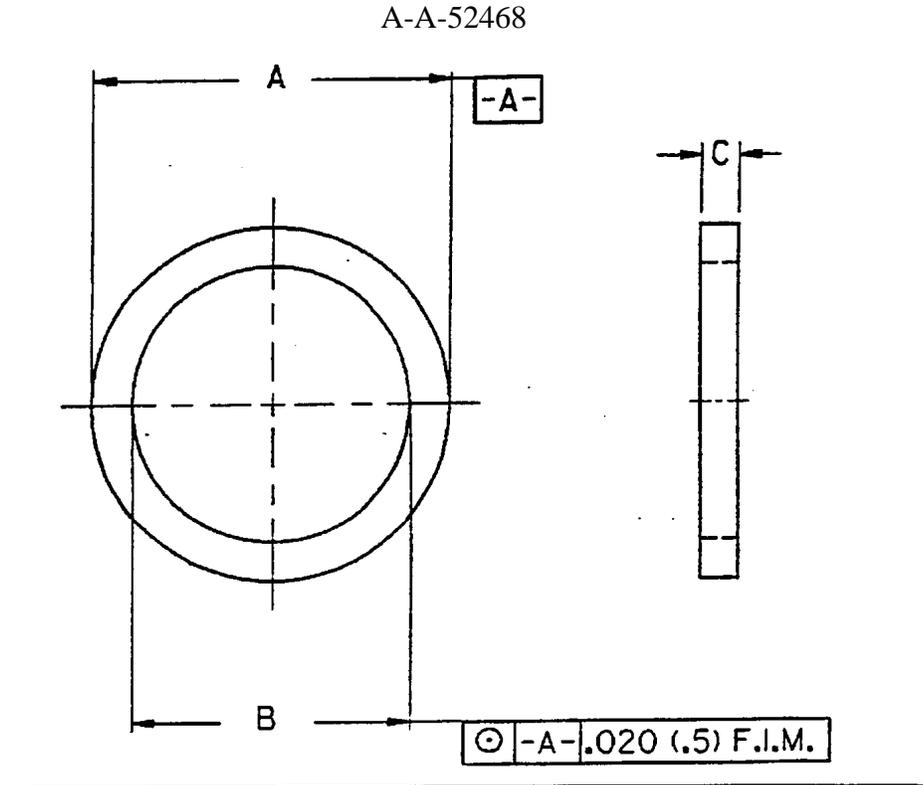
c. Storage. Gaskets shall be protected from circulating air, sunlight, fuel, oil, water, dust, and ozone during storage. Storage temperature shall not exceed 125 degrees Fahrenheit (°F) [52 degrees Celsius (°C)].

Beneficial comments, recommendations, additions, deletions clarifications, etc. and any other data which may improve this document should be sent by letter to: U.S. Army Tank-Automotive Command, ATTN: AMSTA-GDS, Warren, MI 48397-5000.

AMSC N/A

FSC 2910

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.



CID PIN ^{2/}	Superseded MS Part No.	Diameter 'A'	Diameter 'B'	Width 'C'
A 52468-1	MS51091-1	3.270 ± .024 (83.0 ± .5)	3.030 ± .010 (80.0 ± .2)	.125 ± .008 (3.2 ± .2)
A 52468-2	MS51091-2	1.121 ± .010 (28.5 ± .2)	.858 ± .005 (22.0 ± .1)	.161 ± .010 (4.0 ± .2)
A 52468-3	MS51091-3	1.000 ± .010 (25.5 ± .2)	.485 ± .005 (12.3 ± .1)	.125 ± .010 (3.2 ± .2)
A 52468-4	MS51091-4	2.005 ± .010 (51.0 ± .2)	1.562 ± .010 (39.7 ± .2)	.062 ± .010 (1.6 ± .2)
A 52468-5	MS51091-5	2.110 ± .010 (53.5 ± .2)	1.780 ± .010 (45.2 ± .2)	.060 ± .010 (1.5 ± .2)

NOTES:

1. Dimensions in inches (millimeters).
- ^{2/} PIN = Part or identification number.

FIGURE 1. Gasket sizes.

d. Identification and marking. Identification and marking of the gaskets shall be as specified in the packaging requirements and shall include, as a minimum, the CID PIN, manufacturer's CAGE code, and material cure date (quarter and year).

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QUALITY ASSURANCE PROVISIONS

- a. Responsibility for inspection. The contractor is responsible for the performance of all inspections (examinations and tests).
- b. Contractor certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this CID and that the product conforms to the producer's own drawings, specifications, workmanship standards, and quality assurance practices. Items with known defects shall not be submitted for Government acceptance. The Government reserves the right to require proof of such conformance prior to the first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

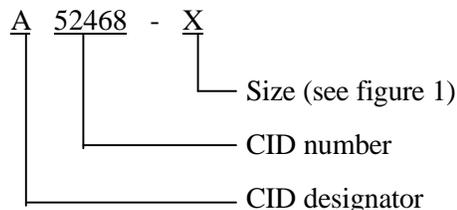
PRESERVATION, PACKAGING, PACKING, LABELING, AND MARKING

Preservation, packaging, packing, labeling, and marking for the desired level shall be as specified in the contract (see salient characteristic d and note b).

NOTES

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

- a. Addresses for obtaining copies of referenced Non-Government publications. Copies of ASTM D2000 "Standard Classification System for Rubber Products in Automotive Applications" are available from the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.
- b. Ordering data. Acquisition documents must specify the following:
1. Title, number, and date of this CID.
 2. Issue of DODISS to be cited in the solicitation, and if required, the specific issue of individual documents referenced.
 3. CID PIN.
 4. Selection of applicable level and packaging requirements.
- c. Part or identification number (PIN). The PIN to be used for gaskets acquired by this CID is as follows:



- d. Cross-reference data. Gaskets conforming to this CID are substitutable/interchangeable with gaskets conforming to MS51091B, dated 29 December 1967, in accordance with figure 1.
- e. Regulatory requirements. The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practicable.

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MILITARY INTERESTS:

Custodians

Army - AT
Air Force - 99

Review activities

Army - ME
DLA - CS

User activity

Navy - MC

CIVIL AGENCY COORDINATING ACTIVITIES:

GSA - FCAE

PREPARING ACTIVITY:

Army - AT

(Project 2910-0230)