

INCH- POUND

MIL-G-24696/1(SH)

30 December 1992

MILITARY SPECIFICATION SHEET

GASKET, SHEET NON-ASBESTOS SIZES AND TOLERANCES

This specification is approved for use by the Naval Sea Systems Command, Department of the Navy and is available for use by all Departments and Agencies of the Department of Defense.

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-G-24696

Purpose. The purpose of this specification sheet is to set up a part numbering system for gaskets procured to MIL-G-24696.

APPLICABLE DOCUMENT

MIL-G-24696 - Gasket, Sheet, Non-Asbestos.

(Unless otherwise indicated, copies of federal and military specifications and standards are available from the Standardization Documents Order Desk, Bldg. 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.)

PIN numbers. When this document is used for procurement of gaskets the PIN numbers shall consist of the following:

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

Example: M24696/1-001

Intended use. Sheet gasket material is intended for non-propulsion and propulsion use in steam piping joints for service up to 150 lb/in² gauge, 425°F (218°C) and for use in water service applications up to 400 lb/in² gauge, 300°F (149°C). The gasket material specified in this specification is generally specified in ASTM F 104 as type 7, class 1 or class 2 materials.

AMSC N/A

FSC 5330

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

MIL-G-24696/1(SH)

TABLE I. Dimensions and tolerances.

Dash no.	Length in ($\pm 1/4$) inches	Thickness in inches	Width in ($\pm 1/4$) inches)
001	60	.016	60
002	36	.031	24
003	54	.031	31-1/2
004	50	.031	50
005	60	.031	60
006	75	.031	60
007	36	.062	18
008	36	.062	36
009	40	.062	40
010	50	.062	50
011	54	.062	31-1/2
012	60	.062	60
013	63	.062	54
014	150	.062	50
015	48	.094	36
016	50	.094	50
017	63	.094	54
018	20	.125	12
019	24	.125	24
020	36	.125	36
021	36	.125	72
022	50	.125	50
023	60	.125	36
024	60	.125	60
025	153	.125	36
026	36	.188	24
027	36	.188	36
028	50	.188	50
029	50	.250	50

MIL-G-24696/1(SH)

TABLE II. Dimensions and tolerances.

Dash no.	O.D. in inches ($\pm 1/4$)	Thickness in inches	I.D. in inches ($\pm 1/4$)	Number of holes	Diameter of ($\pm .005$) holes	Bolt circle ($\pm .005$) diameter
051	7-1/8	.062	4			
052	3-9/16	.125	5/8			
053	3-5/8	.125	11/16	4	.625	2.380
054	3-5/8	.125	1-1/16			
055	3-13/16	.125	3/4			
056	4-1/4	.125	1-1/8			
057	4-1/4	.125	1-5/16	4	.562	3.125
058	5-1/8	.125	1-3/8			
059	5-9/16	.125	2-1/8	6	.6875	4.4375
060	5-9/16	.125	2-1/4			
061	5-9/16	.125	2-3/8	6	.562	4.4375
062	5-9/16	.125	2-1/2			
063	6-1/8	.125	2-3/4	BOLT HOLES FOR 2-1/2 DIAM. FLANGE		
064	6-1/8	.125	2-7/8	6	.562	5
065	6-5/8	.125	3-3/8			
066	7-11/16	.125	4-1/2	8	.562	6.562
067	9-1/16	.125	5-3/8			
068	9-1/16	.125	6-3/8			
069	2-1/16	.625	1-5/8			

Agent:
DLA - IS

Preparing activity:
Navy - SH
(Project 5330-N137)