

NOTICE
OF REINSTATEMENT

INCH-POUND

MS21266E
NOTICE 2
24 SEPTEMBER 1996

MILITARY STANDARD

GROMMET, PLASTIC, EDGING

MS21266E, dated 15 June 1981, is hereby reinstated and may be used for acquisition.

(Copies of the referenced federal and military specifications, standards, and handbooks are available from the Department of Defense Single Stock Point, Defense Printing Service Detachment Office, Building 4-D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.)

Custodians:

Army - GL
Navy - AS
Air Force - 99

Preparing Activity
DLA-IS

(Project 5325-0352)

Review Activities:

Army - AV, CR, MI
Navy - EC, MC

AMSC N/A

FSC 5325

DISTRIBUTION STATEMENT A Approved for public release; distribution is unlimited

NOTICE OF INACTIVATION
FOR NEW DESIGN

INCH-POUND

MS21266E
NOTICE 1
25 June 1996

MILITARY SPECIFICATION SHEET

GROMMET, PLASTIC, EDGING

This notice should be filed in front of
MS21266E dated 15 June 1981.

MS21266E is inactive for new design and is no longer used except for
replacement purposes.

Custodians:

Army -GL
Navy - AS
Air Force - 99

Preparing activity:

DLA-IS

(Project 5325-0347)

AMSC N/A

FSC 5325

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

INCH-POUND

MS21266E
AMENDMENT 1
11 September 1996

MILITARY STANDARD

GROMMET, PLASTIC, EDGING

This amendment forms a part of MS21266E, dated 21 December 1961, and is approved for use by all Departments and Agencies of the Department of Defense.

Sheet 1

Requirement 1 Material

Replace MIL-N-20693 with ASTM D4066
Replace L-P-403 with ASTM D1457
Replace L-P-389 with ASTM D2116

Sheet 1

Note 8

Replace MIL-G-22529 with MIL-DTL-22529

Custodians:

Army - GL
Navy - AS
Air Force - 99

Preparing Activity:
DLA-IS

(Project 5325-0353)

Review activity:

Army - AV, CR, MI
Navy - EC, MC

AMSC N/A

FSC 5325

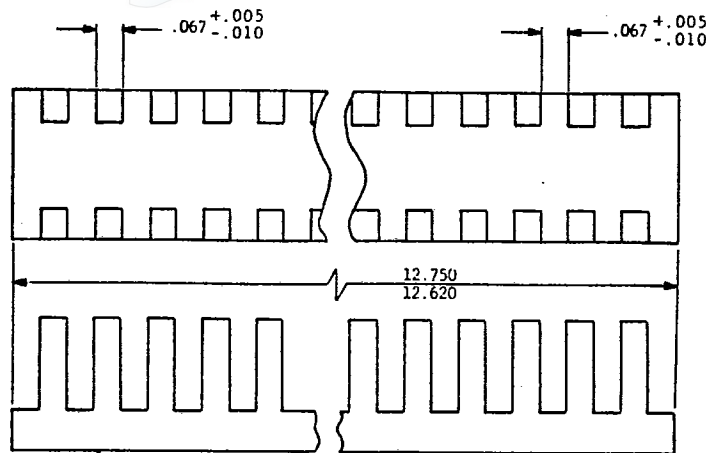
DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

USER SYMBOLS:
ARMY - ER
NAVY - SP, MC, EC

REVIEWER SYMBOLS:
ARMY - MI
NAVY - IS
DSA - IS

"Review/user information is current as of the date of this document. For future coordination of changes to this document, draft circulation should be based on the information in the current DCDISS."

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Section for 21st Army, Navy, and Air Force. This document is approved for use by all Departments and Agencies of the Department of Defense. Section for 21st Army, Navy, and Air Force. This document is approved for use by all Departments and Agencies of the Department of Defense. Section for 21st Army, Navy, and Air Force.



15 PART NUMBER AND IFR IDENTIFICATION (SEE NOTE 9)

TABLE I - CONSTRUCTION DETAILS

DASH NO.	SHEET THICKNESS (REF)	A +.015 -.005	B +.015 -.005	C +.015 -.005	D +.020 -.005
-1	.015-.052	.150	.056		
-2	.052-.085	.175	.090	.055	.100
-3	.085-.128	.220	.131		
-4	.128-.192	.325	.195	.070	.160
-5	.192-.255	.385	.260	.070	.170
-6	.255-.318	.445	.320		
-7	.318-.380	.515	.390	.075	.180
-8	.380-.510	.640	.515		

(E) (E) (E) (E)

TABLE II - CIRCULAR HOLE INSTALLATION CUT LENGTHS

STRUCTURAL HOLE DIA (REF)	LENGTH OF GROMMET MAX (REF)
1.000	3.141
1.125	3.534
1.250	3.927
1.375	4.319
1.500	4.712
1.625	5.105
1.750	5.497
1.875	5.890
2.000	6.283

REQUIREMENTS:

1. MATERIAL: NYLON PER SPECIFICATION MIL-M-20693, TYPE 1.
POLYTETRAFLUOROETHYLENE (TFE) PER SPECIFICATION L-P-403.
POLYFLUOROETHYLENEPROPYLENE (FEP) PER SPECIFICATION L-P-389.

NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.
2. DIMENSIONS IN INCHES.
3. THE GOVERNMENT SHALL ACQUIRE AND STOCK EDGING GROMMETS IN 12.750-12.620 LENGTHS.
4. THE INSTALLING ACTIVITY SHALL FABRICATE GROMMETS FROM THE PARTS TO BE STOCKED.
5. EDGING GROMMETS ARE TO BE USED FOR ODD SHAPE HOLES IN ADDITION TO THE CIRCULAR HOLE SIZES SPECIFIED IN ABOVE TABLE.
6. MAXIMUM ALLOWABLE END GAP AFTER EDGING GROMMET IS INSTALLED FLUSH AGAINST HOLE PERIPHERY IS .025 INCH.
7. FOR POSITIVE POSITIONING IN ODD SHAPE HOLES APPLY ARMSTRONG TYPE A-12 ADHESIVE CEMENT, OR EQUIVALENT, TO THE CLEANED EDGES OF THE MATERIAL AND GROMMET.
8. PATENT NOTICE: THE GOVERNMENT HAS A ROYALTY FREE LICENSE FOR GROMMETS UNDER U.S. PATENT APPLICATION SERIAL NO. 524,070 FOR THE BENEFIT OF MANUFACTURERS OF THE ITEM CALLED FOR IN SPECIFICATION MIL-G-22529 AND THIS MILITARY STANDARD EITHER FOR THE GOVERNMENT OR FOR USE IN EQUIPMENT TO BE DELIVERED TO THE GOVERNMENT.
9. LETTERS SHALL NOT PROTRUDE BEYOND THE OUTER SURFACE.
ADD "N" AFTER DASH NUMBER FOR NYLON MATERIAL
ADD "T" AFTER DASH NUMBER FOR (TFE) MATERIAL
ADD "F" AFTER DASH NUMBER FOR (FEP) MATERIAL
EXAMPLE OF PART NUMBER:
MS21266 -2N GROMMET OF NYLON MATERIAL FOR .052-.085 SHEET THICKNESS.
MS21266 -2T GROMMET OF (TFE) MATERIAL FOR .052-.085 SHEET THICKNESS.
MS21266 -2F GROMMET OF (FEP) MATERIAL FOR .052-.085 SHEET THICKNESS.
10. POLYTETRAFLUOROETHYLENE (TFE) GROMMETS SHALL BE SUPPLIED ETCHED AFTER 16 DECEMBER 1977.
11. POLYTETRAFLUOROETHYLENE (TFE) PER SPECIFICATION AMS 3651 IS INACTIVE FOR DESIGN AFTER 16 DECEMBER 1977.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER ACQUISITION DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

(E) DENOTES CHANGES

P.A. NAVY - AS Other Cust	TITLE GROMMET, PLASTIC, EDGING	MILITARY STANDARD	
		MS21266	
ACQUISITION SPECIFICATION MIL-G-22529	SUPERSEDES MS21266(WEP)	SHEET 1 OF 1	

DD FORM 1 MAR 72 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PROJECT NO. 5325-0198

APPROVED 21 DEC 1961 REVISED (A) 13 JUL 71 (B) 14 DEC 73 (C) 16 DEC 77 (D) 24 JAN 79 (E) 15 JUNE 81