

INCH-POUND

NOTICE  
OF REINSTATEMENT

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, ER, MI  
Navy - EC, MC

AMSC N/A

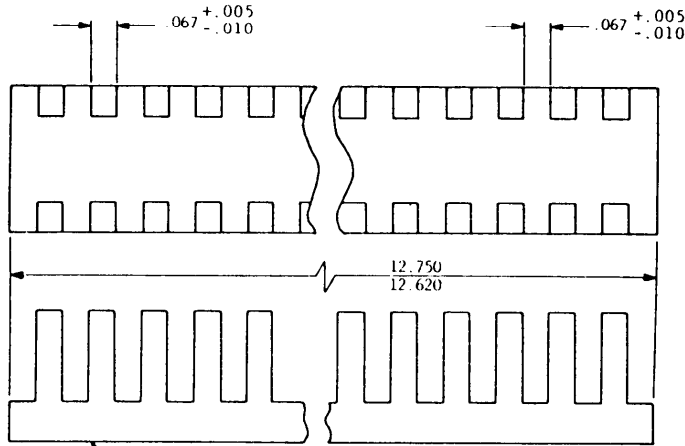
FSC 5325

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

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

FED. SUP CLASS  
 5325



15 PART NUMBER AND IFR IDENTIFICATION (SEE NOTE 9)

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		

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-N-20693, TYPE 1.  
 POLYTETRAFLUOROETHYLENE (TFE) PER SPECIFICATION I-P-403.  
 POLYFLUOROETHYLENEPROPYLENE (FEP) PER SPECIFICATION I-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

\*Revised/added/changed is approved for use by the Department of Defense. For future coordination of changes to this document, effort circulation should be based on the information in the current DC/DISS.

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P.A. NAVY - AS Other Cust	TITLE	MILITARY STANDARD
	ARMY - GL USAF - 99	GROMMET, PLASTIC, EDGING
ACQUISITION SPECIFICATION MIL-G-22529	SUPERSEDES	SHEET 1 OF 1
	MS21266(WEP)	

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