

FED SUPPLY CLASS

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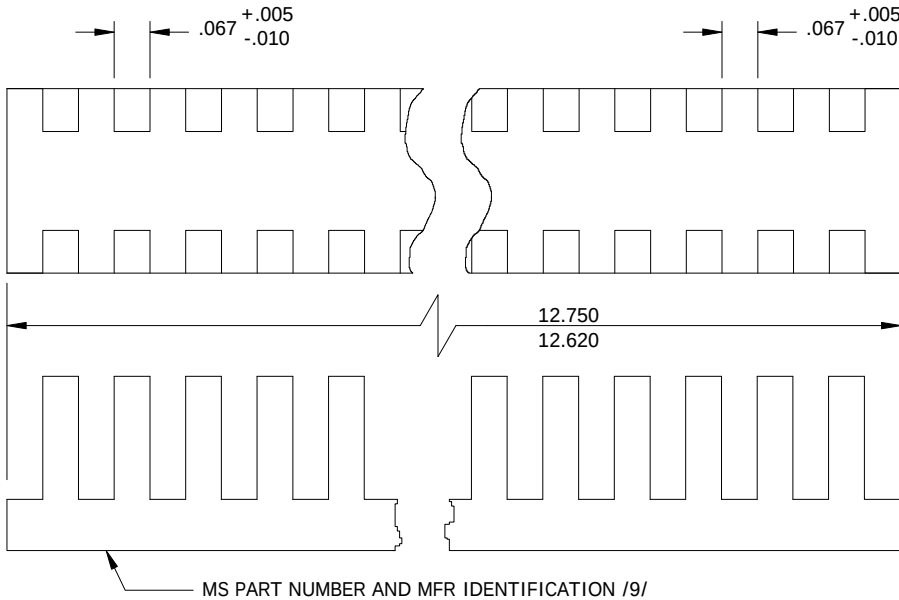


TABLE I – CONSTRUCTION DETAILS

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

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

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS21266, REVISION E, AMENDMENT 1. PART NUMBERS REMAIN MS21266.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NASM22529	TITLE GROMMET, PLASTIC, EDGING	CLASSIFICATION PART STANDARD
		NASM21266 SHEET 1 OF 2

USE OF OR RELIANCE UPON THIS DOCUMENT OR ANY NATIONAL AEROSPACE STANDARD IS ENTIRELY VOLUNTARY. AIA DOES NOT QUALIFY SUPPLIERS OR CERTIFY THE PERFORMANCE OF ITEMS PRODUCED UNDER NATIONAL AEROSPACE STANDARDS. AIA MAKES NO REPRESENTATION OR CLAIM RESPECTING (1) THE SUITABILITY OF ANY ITEM FOR ANY PARTICULAR APPLICATION OR (2) THE EXISTENCE OF OR APPLICATION OF ANY PATENT, TRADEMARK, OR OTHER RIGHTS.

MATERIAL: NYLON PER SPECIFICATION ~~ASTM D 4066, TYPE 1~~ ASTM D4066 PA01 OR ASTM D6779 PA01 (2)
 POLYTETRAFLUOROETHYLENE (TFE) PER SPECIFICATION ~~ASTM D 1457~~ ASTM D4894,
 ASTM D4895, AMS3656 OR AMS3660.
 POLYFLUOROETHYLENEPROPYLENE (FEP) PER SPECIFICATION ASTM D2116.

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 TABLE II.
- (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 NASM22529 AND THIS 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 AMS3651 IS INACTIVE FOR DESIGN AFTER 16 DECEMBER 1977. FOR DESCRIPTION OF STATUS NOTES SEE NAS380.
- (12) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (13) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (14) REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

REVISION

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NASM21266

SHEET 2



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