

# MS21266

## Grommet, Plastic, Edging

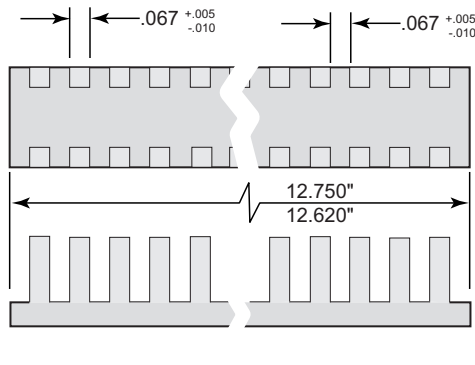


TABLE I - CONSTRUCTION DETAILS					
DASH NO.	SHEET THICKNESS (REF)	A +.015 -.005	B +.015 -.005	C +.015 -.005	D +.020 -.005
-1	.015-.052	.150	.056		
-2	.052-.085	.175	.090	.055	.100
-3	.085-.128	.220	.131		
-4	.128-.192	.325	.195	.070	.160
-5	.192-.255	.385	.260		.170
-6	.255-.318	.445	.320		
-7	.318-.380	.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. MATERIALS: NYLON PER SPECIFICATION MIL-M-20693. TYPE 1.  
POLYTETRAFLUOROETHYLENE (TFE) PER SPECIFICATION L-P-403.  
POLYFLUOROETHYLENEPROPYLENE (FEP) PER SPECIFICATION L-P-389.

(3) **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. (3)
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 (3)  
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.
- (3) 10. POLYTETRAFLUOROETHYLENE (TFE) GROMMETS SHALL BE SUPPLIED ETCHED AFTER DECEMBER 16, 1977.
11. POLYTETRAFLUOROETHYLENE (TFE) PER SPECIFICATION AMS 3651 IS INACTIVE FOR DESIGN AFTER DECEMBER 16, 1977.

**ADDITIONAL NOTES:**

- PROCUREMENT SPECIFICATION: MIL-G-22529
- SUPERSEDES: MS21266 (WEP)
- THIS INFORMATION FROM MILITARY STANDARD MS21266 H PAGE 1 of 1, REVISED JUNE 15, 1981, SOME DETAILS MAY HAVE BEEN OMITTED FOR CLARITY.