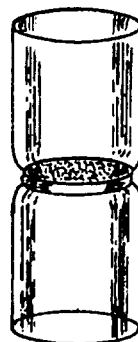


FED. SUP CLASS
6640

PART NUMBER	DIA OF DISC mm AND POROSITY	APPROX LENGTH mm	DIA OF TUBE mm
MS51434-1	10C	202	14
MS51434-2	10M	202	14
MS51434-3	10F	202	14
MS51434-4	20C	202	25
MS51434-5	20M	202	25
MS51434-6	20F	202	25
MS51434-7	30C	202	35
MS51434-8	30M	202	35
MS51434-9	30F	202	35

MATERIAL: The tube shall be borosilicate glass in accordance with Federal Specification DD-G-541, Type 1, Class A. Filter shall be made of sintered borosilicate glass.

DESIGN: The fritted disc shall be sealed in the center of the tube. The disc porosity for the pore diameter of the filter is determined in the same manner as specified in ASTM E128, Maximum Pore Diameter and Permeability of Rigid Porous Filters for Laboratory Use. The porosity symbols are the following sizes:

SYMBOL	PORE SIZE (microns)
C	40 - 60
M	10 - 15
F	4 - 5.5

Care should be taken so as not to heat close to the disc when assembling with other laboratory apparatus.

- NOTES:**
- Items differing from this Military Standard by minor variations in design or dimensions are considered standard under this document, provided such variations do not affect performance and are not in conflict with the material requirements specified herein.
 - For design feature purposes, this standard takes precedence over procurement documents referenced herein.
 - Referenced documents shall be of the issue in effect on date of invitations for bid.
 - FSCMs: 14674 and 84116.

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

ARMY - MD, DM
NAVY - MS

USER ACTIVITIES:

ME - OS
ARMY - AIR FORCE - 82

REVIEWER ACTIVITIES:

P.A.	EA	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
Other Cust	MS 99		TUBE, SEALING	MS51434
Procurement Specifications	NONE	SUPERSEDES:		SHEET 1 OF 1