

FED. SUP CLASS
6640ARMY - MD, DM
NAVY - MS

USER ACTIVITIES:

ARMY - ME
NAVY - OS
AIR FORCE - 82

REVIEWER ACTIVITIES:

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.



PART NUMBER	I.D. mm	PART NUMBER	I.D. mm	PART NUMBER	I.D. mm
MS51420-1	3	MS51420-9	11	MS51420-17	22
MS51420-2	4	MS51420-10	12	MS51420-18	25
MS51420-3	5	MS51420-11	13	MS51420-19	27
MS51420-4	6	MS51420-12	15	MS51420-20	30
MS51420-5	7	MS51420-13	16	MS51420-21	32
MS51420-6	8	MS51420-14	17	MS51420-22	35
MS51420-7	9	MS51420-15	19	MS51420-23	37
MS51420-8	10	MS51420-16	20	MS51420-24	40
				MS51420-25	50

MATERIAL: Borosilicate glass and quartz tubing.

DESIGN: The borosilicate glass shall be fused to quartz to form a graded seal used to interconnect quartz to borosilicate apparatus. The quartz length shall be 76 ± 5 mm and the overall length shall be 178 ± 10 mm. Outside diameters shall be equal to nominal tube sizes of similar inside diameters.

- 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.
 - FSCM: 00115 and 07736.

APPROVED 20 JUL 1983 REVISED

P.A.	EA	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
Other Cust	MS 99		SEAL, GRADED, BOROSILICATE TO QUARTZ	MS51420
Procurement Specifications	NONE	SUPERSEDES:	SHEET	1 OF 1