



User Activities:  
USAF - 11, 69  
Army - MO  
Navy - WP, MC

Review activities:  
USAF - 11, 69  
Army - MO  
Navy - WP

MS PART NO.	TUBING OD NOMINAL	A DIA	TOLERANCE ±	B DIA	TOLERANCE ±
MS29512-01	3/32	.056	.003	.185	.005
MS29512-02	1/8	.064	.003	.239	.005
MS29512-03	3/16	.064	.003	.301	.005
MS29512-04	1/4	.072	.003	.351	.005
MS29512-05	5/16	.072	.003	.411	.005
MS29512-06	3/8	.078	.003	.468	.005
MS29512-07	7/16	.082	.003	.530	.005
MS29512-08	1/2	.087	.003	.611	.005
MS29512-09	9/16	.097	.003	.706	.005
MS29512-10	5/8	.097	.003	.755	.005
MS29512-11	11/16	.116	.004	.863	.005
MS29512-12	3/4	.126	.004	.921	.006
MS29512-13	13/16	.116	.004	.986	.006
MS29512-14	7/8	.116	.004	1.047	.006
MS29512-16	1	.126	.004	1.171	.006
MS29512-18	1-1/8	.116	.004	1.355	.006
MS29512-20	1-1/4	.118	.004	1.475	.010
MS29512-24	1-1/2	.118	.004	1.720	.010
MS29512-28	1-3/4	.118	.004	2.090	.010
MS29512-32	2	.118	.004	2.337	.010

MATERIAL: SEE PROCUREMENT SPECIFICATION.  
SEE DRAWING AND10064, SHEET NO. 2 FOR INSTALLATION DETAILS.  
GASKETS MAY BE OFF-REGISTER DUE TO MOLD MISALIGNMENT WITHIN TOLERANCES OF COLUMN A.  
FOR ACCEPTABLE PRODUCT, SEE QPL-5315.  
DIMENSIONS IN INCHES.  
CERTAIN PROVISIONS (TUBING OD, DIMENSIONS AND TOLERANCES) OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT ABC AIR STD 17/21. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED, THE DEPARTMENTAL CUSTODIAN WILL INFORM THEIR RESPECTIVE DEPARTMENTAL STANDARDIZATION OFFICE SO THAT APPROPRIATE ACTION MAY BE TAKEN RESPECTING THE INTERNATIONAL AGREEMENT CONCERNED.  
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.

This military standard is approved by the Department of Defense and is mandatory on all activities. Subsection for all new engineering and design applications and for repetitive use shall be made from this document.

P.A. USAF - 11 Other Cast Army - MO Navy - WP	INTER- NATIONAL INTEREST	TITLE PACKING, PREFORMED, HYDROCARBON FUEL RESISTANT, TUBE FITTING, "O" RING	MILITARY STANDARD
			MS29512
PROCUREMENT SPECIFICATION MIL-P-5315	SUPERSEDES:		SHEET 1 OF 1

APPROVED 17 Oct 51  
REVISED 9 May 63  
15 Mar 65  
1 SEP 65