

FED. SUP CLASS
4720

(B)

SIZE	EQUIVALENT TUBING OD	END FITTING NUMBER	MAX WT PER FITTING	HOSE ASSEMBLY NUMBER	MAX WT 3 FT ASSY	MAX WT 1 FT OF HOSE	END FITTINGS PART NUMBER	MAX WT PER FITTING	MAX SYSTEM OPERATING PRESSURE (PSI)					
									FUEL	OIL	HYDRAULIC OR PNEUMATIC	INSTRUMENT AIR		
MIL-H-8795 HOSE ASSEMBLIES														
(b) -3	3/16	-3	.04	MS24587	.44	.13	MS24587	-3						
(c) -4	1/4	-4	.06	MS28761	.57	.16		-4					3000	
(c) -5	5/16	-5	.07	MS28760	.71	.20		-5						
-6	3/8	-6	.09	MS28781	.89	.24		-6		1000				
-8	1/2	-8	.09	MS28780	.99	.27		-8					2000	
-10	5/8	-10	.14	MS28760	1.43	.38		-10					1750	
-12	3/4	-12	.20	MS28781	1.79	.46		-12					1500	
-16		-16	.23	MS28780	1.80			-16		750			800	
-20	1-1/4	-20	.43	MS28780	2.45	.54		-20		500			600	
-24	1-1/2	-24	.52	MS28781	3.10	.69		-24		250			500	
-32	2	-32	.88	MS24587	4.63	.97	MS24587	-32					350	

MIL-H-8790 HOSE ASSEMBLIES														
-4	1/4	MS28781-4	.10	MS28759-E	1.03	.29	MS28760-4							
				MS28762-4			MS28761-4							
				MS28720-E			MS28760-4 AND MS28780-4	.11						
				MS28721-E			MS28760-4 AND MS28781-4	.12						
-5	5/16	MS28781-5	.11	MS28722-E	1.04	.30	MS28780-4							
				MS28723-E			MS28780-4 AND MS28781-4	.12						
				MS28724-E			MS28781-4	.12						
				MS28759-F			MS28760-5							
-6	3/8	MS28781-6	.12	MS28722-F	1.08	.30	MS28761-5							
				MS28723-F			MS28760-5 AND MS28780-5	.14						
				MS28724-F			MS28760-5 AND MS28781-5	.15						
				MS28759-G			MS28780-5							
-8	1/2	MS28781-8	.14	MS28724-F	1.12	.39	MS28780-5 AND MS28781-5	.15						
				MS28723-F			MS28781-5							
				MS28724-F			MS28760-6							
				MS28759-G			MS28761-6							
-10	5/8	MS28781-10	.15	MS28762-E	1.34	.39	MS28761-6							
				MS28720-G			MS28760-6 AND MS28780-6	.17						
				MS28721-G			MS28760-6 AND MS28781-6	.18						
				MS28722-G			MS28780-6							
-12	3/4	MS28781-12	.18	MS28723-G	1.41	.39	MS28760-6 AND MS28781-6	.18						
				MS28724-G			MS28780-6 AND MS28781-6	.18						
				MS28759-G			MS28781-6							
				MS28762-E			MS28760-8							
-16	1	MS28781-16	.21	MS28759-H	2.09	.57	MS28761-8							
				MS28762-E			MS28760-8 AND MS28780-8	.25						
				MS28720-H			MS28760-8 AND MS28781-8	.25						
				MS28721-H			MS28780-8							
-20	1-1/4	MS28781-20	.25	MS28722-H	2.07	.57	MS28780-8 AND MS28781-8	.25						
				MS28723-H			MS28781-8							
				MS28724-H			MS28760-10							
				MS28759-H			MS28761-10							
-24	1-1/2	MS28781-24	.32	MS28759-J	2.53	.66	MS28760-10							
				MS28762-E			MS28760-10 AND MS28780-10	.35						
				MS28720-J			MS28760-10 AND MS28781-10	.40						
				MS28721-J			MS28780-10							
-32	2	MS28781-32	.40	MS28722-J	2.49	.66	MS28780-10 AND MS28781-10	.40						
				MS28723-J			MS28781-10							
				MS28724-J										
				MS28924-J										

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 IS A DESIGN STANDARD, NOT TO BE USED AS A PART NUMBER.

(B) FOR CHANGES SEE SHEET 2

P.A. USAF - (11) Other Cost Navy - Weps	TITLE CHART, HOSE SELECTION	MILITARY STANDARD MS33620 (ASG)
PROCUREMENT SPECIFICATION None	SUPERSEDES: AND10340	SHEET 1 OF 2

This standard has been approved by the Weps (Department of the Navy) and the Department of the USAF and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

USEFUL: NONE

REVIEWERS:
Navy - Weps
USAF - 11

APPROVED 11 Nov 59
REVISED (A) 17 July 62 (B) 4 Mar 64

FED. SUP CLASS
4720

(B)

SIZE	EQUIVALENT TUBING OD	END FITTING NUMBER	MAX WT PER FITTING	HOSE ASSEMBLY NUMBER	MAX WT 3 FT ASSY	MAX WT 1 FT OF HOSE	END FITTINGS PART NUMBER	MAX WT PER FITTING	MAX SYSTEM OPERATING PRESSURE (PSI)			
									FUEL	OIL	HYDRAULIC OR PNEUMATIC	INSTRUMENT AIR

MIL-H-8790 HOSE ASSEMBLIES

-12	3/4		.55	MS28759-K	3.36	.85	MS28760-12		3000				
			.58	MS28762-12	3.34		MS28761-12						
		MS28780-12	.55	MS28920-K			MS28760-12 AND MS28780-12	.58					
		MS28781-12		MS28921-K	3.37		MS28760-12 AND MS28781-12	.63					
			.58	MS28922-K	3.34		MS28780-12						
		MS28781-12		MS28923-K	3.35		MS28780-12 AND MS28781-12	.63					
			.63	MS28924-K	3.38		MS28781-12						
-16	1		.85	MS28759-M	5.09	1.34	MS28760-16		3000				
			.94	MS28762-16	5.44		MS28761-16						
		MS28780-16	.85	MS28920-M	5.27		MS28760-16 AND MS28780-16	.87					
		MS28781-16		MS28921-M	5.28		MS28760-16 AND MS28781-16	.91					
			.87	MS28922-M	5.20		MS28780-16						
		MS28781-16		MS28923-M	5.21		MS28780-16 AND MS28781-16	.91					
			.91	MS28924-M	5.22		MS28781-16						

(a) MIL-H-5593 HOSE ASSEMBLIES

-2	1/8		.01	AN6270-2	.20	.06	AN773-2						300
-3	3/16			AN6270-3	.21	.07	AN773-3						250
-4	1/4		.02	AN6270-4	.26	.08	AN773-4						200
-6	3/8		.03	AN6270-6	.37	.10	AN773-6						150
-8	1/2		.06	AN6270-8	.64	.18	AN773-8						125
-10	5/8		.07	AN6270-10	.75	.21	AN773-10						

MIL-H-25579-3 HOSE ASSEMBLIES

MIL-H-25579 DASH NO.			MIL-H-25579 DASH NO.			FUEL	OIL	HYDRAULIC	PNEUMATIC	INSTRUMENT AIR
SIZE	OD	WT PER FITTING	SIZE	OD	WT PER FITTING					
-3		.05	-3		.06					
-4		.08	-4		.09					
-5		.09	-5		.11	1500	1500	1500		
-6		.11	-6		.13					
-8		.20	-8		.16					
-10		.29	-10		.21					
-12		.42	-12		.26	1000	1000	1000		
-16		.66	-16		.63	1250	1250	1250		
-20		1.10	-20		.73	1000	1000	1000		

SPECIFICATION NUMBER			ANA BULLETIN OR QPL NUMBER		
HOSE ASSEMBLIES	HOSE	FITTING	HOSE ASSEMBLIES	HOSE	FITTING
MIL-H-8790	MIL-H-8788	MIL-F-8789	-	QPL-6788	QPL-8789
MIL-H-8795	MIL-H-8794	MIL-A-5070	-	QPL-8794	QPL-5070
AN6270	MIL-H-5593	AN773	-	QPL-5593	ANA268
MIL-H-25579	-	-	-	QPL-25579	-

- (a) AN6270 HOSE ASSEMBLIES MAY BE USED IN HYDRAULIC AND PNEUMATIC SYSTEMS ONLY FOR DRAIN LINES OR WHERE PRESSURE DOES NOT PULSATE OR EXCEED 20 PSI (NO SUCTION).
- (b) NOT TO BE USED IN HYDRAULIC SYSTEMS.
- (c) THIS HOSE MAY BE USED WHERE DYNAMIC IMPULSE DOES NOT EXCEED 3750 PSI, IF DYNAMIC IMPULSES OF 4500 PSI ARE REQUIRED MIL-H-8790 HOSE ASSEMBLIES SHALL BE USED.

(B)

THIS IS A DESIGN STANDARD, NOT TO BE USED AS A PART NUMBER.

P.A. USAF - (11)	TITLE	MILITARY STANDARD
Other Cust Navy - Weps	CHART, HOSE SELECTION	MS33620(ASG)
PROCUREMENT SPECIFICATION None	SUPERSEDES: AND 10340	SHEET 2 OF

USE HOSE

REVISOR: Navy - Weps USAF - 11

This standard has been approved by the Weps (Department of the Navy) and the Department of the USAF and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

APPROVED 10 Nov 59 REVISED (B) FOR CHANGES SEE SHEET 1