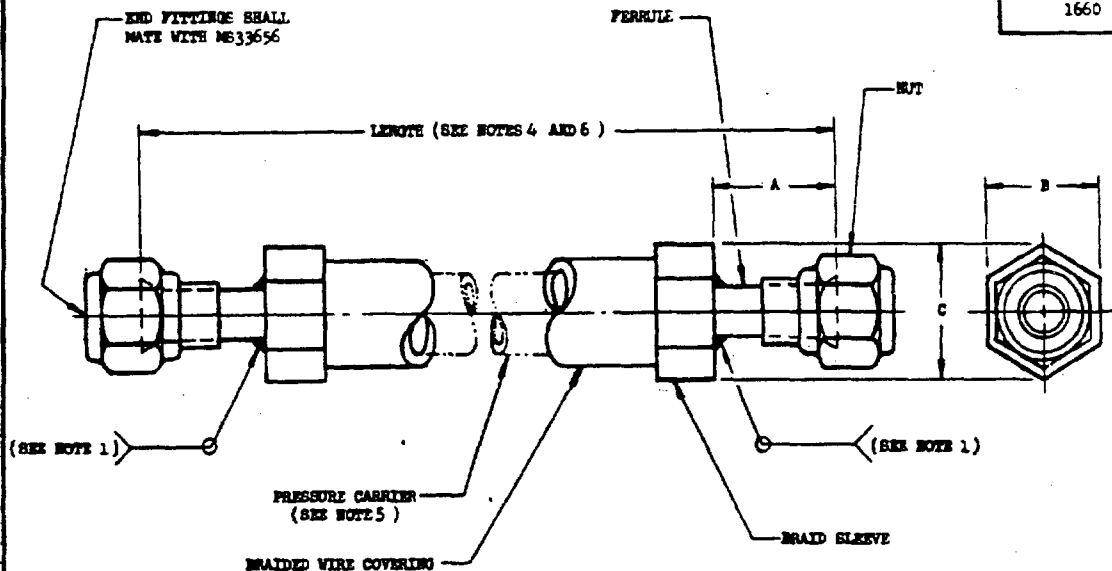


FED. SUP CLASS  
1660

HOSE SIZE DASH NO.	MIN ID OF PRESSURE CARRIER	MAX OD OF WIRE BRAIDED HOSE	A MAX	B MAX	C (REF)	MAX WEIGHT OF BRAIDED HOSE (LBS/FT)	MAX WEIGHT OF FITTINGS PER ASSEMBLY LBS (a)
-4	.235	.592	.94	.6875	.794	.22	.075
-5	.282	.684	.97	.8125	.938	.26	.094
-6	.365	.775	1.00	.9375	1.083	.30	.127
-8	.485	.931	1.12	1.0625	1.227	.49	.148

(a) INCLUDES BRAID SLEEVES, FERRULE, AND NUT.

## NOTES:

- MATERIAL: (A) FERRULE, NUT, BRAID SLEEVE; CRES, QQ-S-763, CLASS 303, 304, OR 321.  
(B) PRESSURE CARRIER, CRES, QQ-S-764, CLASS 316 OR 321.  
(C) BRAIDED WIRE COVERING, CORROSION RESISTING STEEL.  
(D) BRAZING ALLOY, SILVER, QQ-B-854.
- BREAK ALL SHARP EDGES AND REMOVE ALL BURRS.
- DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED, TOLERANCES:  $\pm .010$ .
- TOLERANCES ON HOSE ASSEMBLY LENGTHS SHALL BE AS FOLLOWS: UP TO 10 INCHES,  $\pm 1/16$ ; OVER 10 TO 30 INCH,  $\pm 1/8$ ; OVER 30 TO 50 INCH,  $\pm 1/4$ ; OVER 50  $\pm 3/8$ .
- PRESSURE CARRIER SHALL BE OF SEAMLESS, BRAZED, OR WELDED CONSTRUCTION AND MAY BE ANNULAR OR HELICAL IN CONFIGURATION.
- EXAMPLE OF PART NUMBER:

THE PART NUMBER SHALL CONSIST OF THE MS NUMBER FOLLOWED BY THE HOSE SIZE DESIGNATION IN SIXTEENTHS OF AN INCH. THE FINAL ELEMENT OF THE PART NUMBER SHALL BE THE LENGTH OF THE HOSE EXPRESSED IN FOUR DIGITS. THE FIRST THREE DIGITS SHALL REPRESENT THE LENGTH OF THE HOSE IN INCHES. THE FOURTH DIGIT REPRESENTING INCREMENTS OF EIGHTS OF AN INCH.

## FOR EXAMPLE:

MS90457-8-0164 IS A HOSE ASSEMBLY WITH A 1/2 INCH NOMINAL ID HOSE, 16-1/2 INCHES LONG.

☆ U.S. GOVERNMENT PRINTING OFFICE: 1981 — 703-023/2904

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.

(A) DENOTES CHANGES

This standard has been approved by the NAVAL AIR SYSTEMS COMMAND  
Department of the NAVY and is mandatory for use by  
that activity. All other military activities are required  
to employ this standard where suitable.

P.A. NAVY-AS Other Cost	TITLE  HOSE ASSEMBLIES METAL, LIQUID OXYGEN	MILITARY STANDARD <b>MS90457 (AS)</b>
PROCUREMENT SPECIFICATION MIL-R-22343	SUPERSEDES:  ACEL 33C1076	SHEET 1 OF 1