



HOSE SIZE DASH NO.	MIN ID OF PRESSURE CARRIER	MAX OD OF WIRE BRAIDED ROSE	A MAX	B MAX	C (REF)	MAX WEIGHT OF BRAIDED ROSE (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.
- BRAK ALL SHARP EDGES AND REMOVE ALL BURRS.
- DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED, TOLERANCES: ±.010.
- TOLERANCES ON ROSE ASSEMBLY LENGTHS SHALL BE AS FOLLOWS: UP TO 10 INCHES, ±1/16; OVER 10 TO 30 INCH, ±1/8; OVER 30 TO 50 INCH, ±1/4; OVER 50 ± 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 ROSE SIZE DESIGNATION IN SIXTEENTHS OF AN INCH. THE FINAL ELEMENT OF THE PART NUMBER SHALL BE THE LENGTH OF THE ROSE, EXPRESSED IN FOUR DIGITS. THE FIRST THREE DIGITS SHALL REPRESENT THE LENGTH OF THE ROSE IN INCHES. THE FOURTH DIGIT REPRESENTING INCREMENTS OF EIGHTS OF AN INCH.

**FOR EXAMPLE:**

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

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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	MILITARY STANDARD	
	HOSE ASSEMBLIES METAL, LIQUID OXYGEN	MS90457 (AS)	
PROCUREMENT SPECIFICATION MIL-B-22343	SUPERSEDES:	ACEL 33C1076	SHEET 1 OF 1

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