

INCH-POUND
MS39325C
17 May 2006
SUPERSEDING
MS39325B
22 October 2001

DETAIL SPECIFICATION SHEET

HOSE ASSEMBLIES; AIR (TYPE I) AND VACUUM (TYPE II) BRAKE
3/8 INCH NOMINAL DIAMETER

This specification is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this
specification sheet and MIL-DTL-3992.

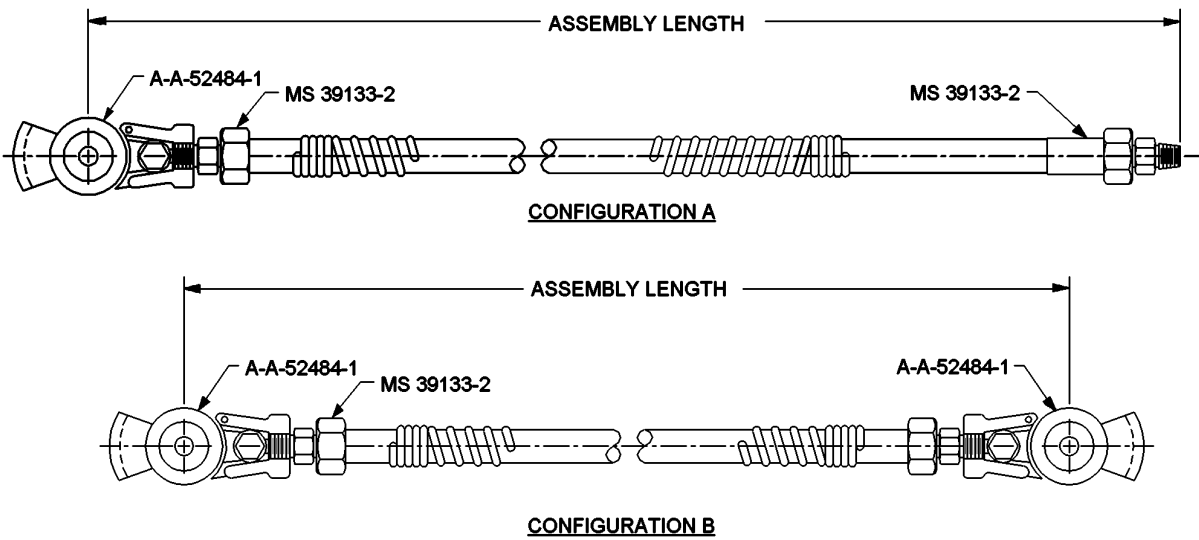


FIGURE 1. Hose assembly configurations.

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REQUIREMENTS

Dimensions and hose configuration, type, and adapter shall be as specified on figure 1 and table I.

TABLE I. Type, class, and style of hose assemblies. 1/ 2/

Dash Number	Configuration	Nominal hose size (see MIL-DTL-3992)				Adapter MS39133 dash number
		Type I			Type II	
		Class 1 inch (mm)	Class 2 inch (mm)	Class 3 inch (mm)	Style A inch (mm)	
-01	A	.375 (.953)				-1
-02	A		.375 (9.53)			
-03	A			.375 (9.53)		
-04	A				.375 (9.53)	
-05	A	.375 (9.53)				-2
-06	A		.375 (9.53)			
-07	A			.375 (9.35)		
-08	A				.375 (9.53)	
-09	B	.375 (9.53)				
-10	B		.375 (9.53)			
-11	B			.375 (9.53)		

1/ Dimensions are in inches

2/ Metric equivalents given for information only.

The hose and hose assembly shall be in accordance with MIL-DTL-3992.

The hose shall be replaceable from bulk supply.

Fittings shall be in accordance with A-A-52484 or MS39133 see figure 1.

Material/finish shall be as follows:

Brass - none.

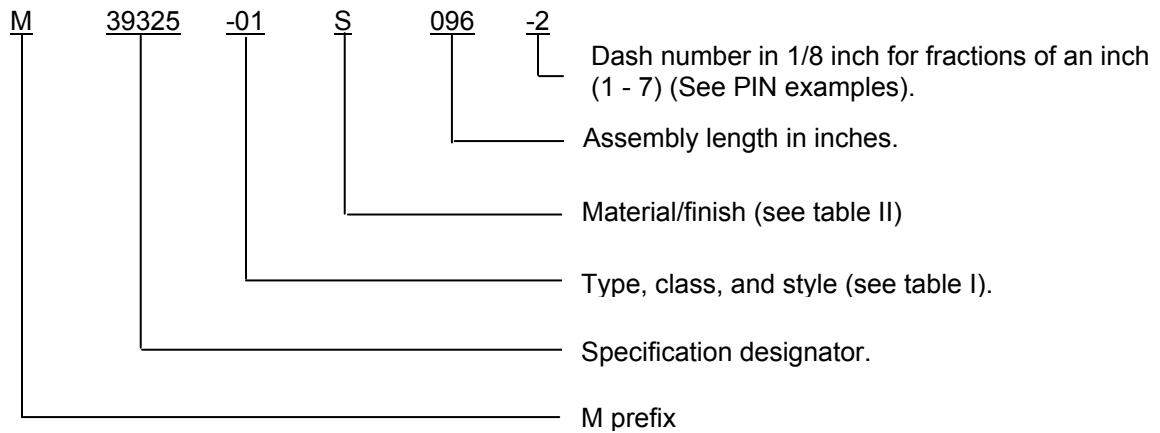
Stainless steel - none.

Steel fittings:

- a. Cadmium plated in accordance with SAE AMS-QQ-P-416, type II, class 2.
- b. Zinc plated in accordance with ASTM B633, type II, class 2 or SAE AMS-C-81562, type II, class 2.

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Part or Identifying Number (PIN):

TABLE II. Material/finish

Material/finish designator	Material/finish
S	Steel - cadmium plated
Z	Steel - zinc plated
A	Stainless steel
B	Brass

Hose assembly length (see figure 1) shall be specified in inches. Insert a zero in front of designator for lengths less than 100 inches (see PIN examples).

Fractions of an inch shall be specified in one eighths ($1/8$) of an inch (example: 1 = $1/8$, 2 = $2/8$).

PIN examples:

M39325-04B096-4 in accordance with a MS39325 configuration A, type II, style A, $3/8$ (.375 inch) (9.53 mm) nominal hose size, brass fittings, 96.5 inches long.

M39325-10S120-5 in accordance with a MS39325 configuration B, type I, class 2, hose assembly $3/8$ inch (.375 inch) (9.53 mm) nominal hose size, steel (with cadmium plating) fittings, 120 and $5/8$ inches long.

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Table III shows the PIN cross-reference changes from revision A through revision C.

TABLE III. Cross-Reference data.

MS39325A Pin	MS39325B PIN	MS39325C PIN
M39325-1-xx-S	MS39325-01S-xxx	MS39325-01Sxxx-x
M39325-2-xx-S	MS39325-02S-xxx	MS39325-02Sxxx-x
M39325-3-xx-S	MS39325-03S-xxx	MS39325-03Sxxx-x
M39325-4-xx-S	MS39325-04S-xxx	MS39325-04Sxxx-x
M39325-5-xx-S	MS39325-05S-xxx	MS39325-05Sxxx-x
M39325-6-xx-S	MS39325-06S-xxx	MS39325-06Sxxx-x
M39325-7-xx-S	MS39325-07S-xxx	MS39325-07Sxxx-x
M39325-8-xx-S	MS39325-08S-xxx	MS39325-08Sxxx-x
M39325-9-xx-S	MS39325-09S-xxx	MS39325-09Sxxx-x
M39325-10-xx-S	MS39325-10S-xxx	MS39325-10Sxxx-x
M39325-10-xx-S	MS3932511S-xxx	MS39325-11Sxxx-x
M39325-1-xx-B	MS39325-01B-xxx	MS39325-01Bxxx-x
M39325-2-xx-B	MS39325-02B-xxx	MS39325-02Bxxx-x
M39325-3-xx-B	MS39325-03B-xxx	MS39325-03Bxxx-x
M39325-4xx-B	MS39325-04B-xxx	MS39325-04Bxxx-x
M39325-5-xx-B	MS39325-05B-xxx	MS39325-05Bxxx-x
M39325-6-xx-B	MS39325-06B-xxx	MS39325-06Bxxx-x
M39325-7-xx-B	MS39325-07B-xxx	MS39325-07Bxxx-x
M39325-8-xx-B	MS39325-08B-xxx	MS39325-08Bxxx-x
M39325-9-xx-B	MS39325-09B-xxx	MS39325-09Bxxx-x
M39325-10-xx-B	MS39325-10B-xxx	MS39325-10Bxxx-x
M39325-11-xx-B	MS39325-11B-xxx	MS39325-11Bxxx-x

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Referenced documents. In addition to MIL-DTL-3992, this document references the following:

A-A-52484
MS39133
ASTM B633
SAE AMS-C-81562
SAE AMS-QQ-P-416

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CONCLUDING MATERIAL

Custodians:

Army - AT
Navy - MC
Air Force - 99
DLA - CC

Preparing activity
DLA - CC

(Project 4720-2006-011)

Review activities:

Army - MI
Navy - SA
Air Force - 71

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil>