

INCH-POUND

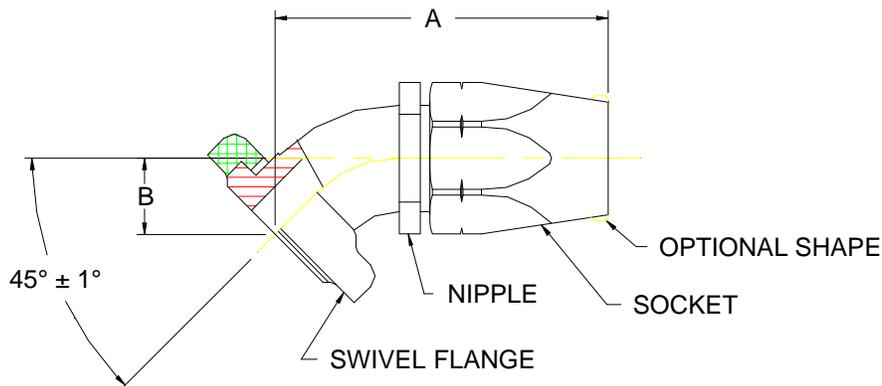
MIL-DTL-83798/8B
18 September 2000
SUPERSEDING
MIL-F-83798/8A
12 January 1977

DETAIL SPECIFICATION SHEET

FITTINGS, RUBBER HOSE, LIGHTWEIGHT, MEDIUM PRESSURE, SWIVEL FLANGE, 45 DEGREES

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 the issue of MIL-DTL-83798 listed in that issue of the Department of Defense Index of Specifications and Standards (DoDISS) specified in the solicitation.



NOTES:

1. See table I for fitting dimensions and weight.

FIGURE 1. Fitting, swivel flange, 45 degrees.

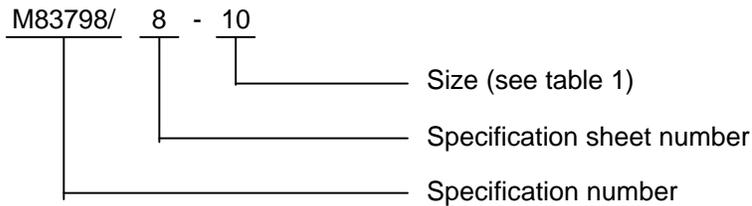
MIL-DTL-83798/8B

TABLE I. Fitting dimensions and weight.

Dash Number	A (max)		B		Weight (max)	
	in.	mm	in. ±0.035	mm ±0.883	lbs.	gms
-8	1.89	48.01	0.370	9.398	0.103	46.72
-10	2.04	51.82	0.400	10.160	0.129	58.51
-12	2.64	67.06	0.468	11.887	0.168	76.20
-16	2.90	73.66	0.505	12.827	0.260	117.93
-20	3.25	82.55	0.569	14.453	0.380	172.37
-24	3.45	87.63	0.625	15.875	0.477	216.36
-32	3.92	99.57	0.734	18.644	0.795	360.61

REQUIREMENTS:

1. Material: Socket: Aluminum per SAE AMS-QQ-A-225/6 (2024-T6) or SAE AMS4339 (2024-T851) or aluminum per SAE AMS-QQ-A-225/8 (6061-T6) or SAE AMS4117 (6061-T651).
2. Nipple: Aluminum (6061-T6) per SAE AMS-QQ-A-225/8 or WW-T-700/6.
3. Flange: Aluminum per SAE AMS4133 (2014-T6).
4. The swivel flange shall be in accordance with MS20756 and shall mate with MS33786.
5. This specification sheet takes precedence over documents referenced herein.
6. The Part Identifying Number (PIN) shall be constructed as follows:



M83798/8-10 indicates: 7/8" fitting, swivel flange, 45 degrees.

Custodians:
 Army - AV
 Air Force - 99
 Navy - AS
 DLA - CC

Preparing activity:
 DLA - CC
 (Project 4730-0742)

Review activities:
 Army - AT
 Navy - SA