

REV. C

SAE AS4798

FEDERAL SUPPLY CLASS
4720

RATIONALE

CORRECTED "MATES WITH" REFERENCE.

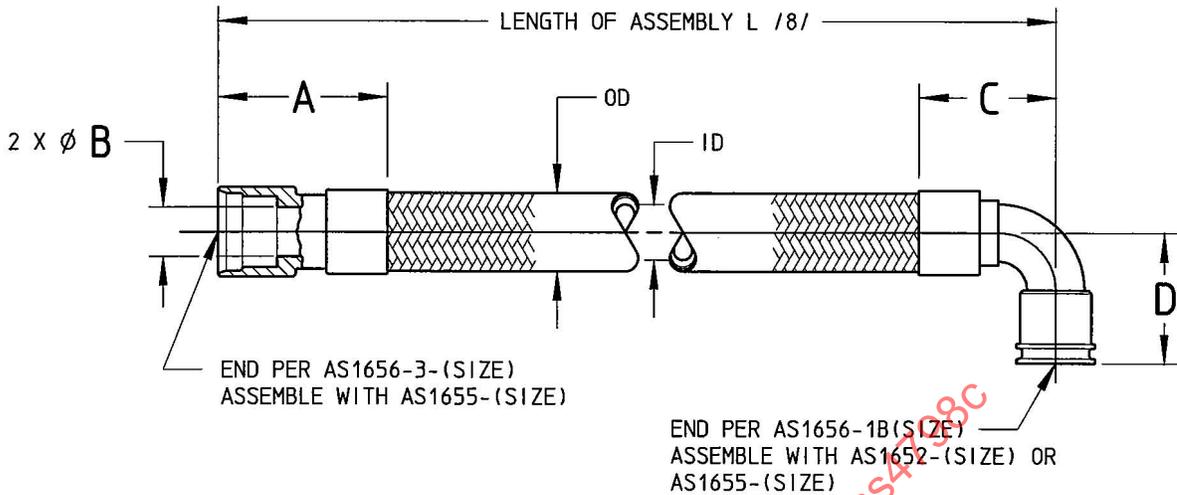


FIGURE 1 - HOSE ASSEMBLY

TABLE 1 - BASIC HOSE AND END FITTING DIMENSIONS

BASIC NO. AND SIZE CODE	HOSE SIZE (REF)	A MAX	B (REF)	C MAX	D MIN	D MAX	ID (REF)	OD MIN	OD MAX
AS4798-08	.500	1.60	.425	1.39	1.09	1.20	.500	.65	.73
AS4798-10	.625	1.60	.550	1.57	1.24	1.34	.625	.81	.85
AS4798-12	.750	1.84	.654	2.05	1.54	1.68	.750	.94	.98
AS4798-16	1.000	1.92	.909	2.17	1.71	1.85	1.000	1.19	1.23

TABLE 2 - LENGTH TOLERANCE

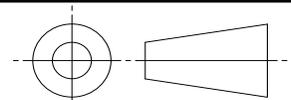
HOSE ASSEMBLY LENGTH	PREFERRED INCREMENTS	TOLERANCE
UNDER 18 IN	(NOT LESS THAN) .125	+ .125/- .125
18 TO 36 IN EXCLUSIVE	(NOT LESS THAN) .250	+ .250/- .250
36 TO 100 IN EXCLUSIVE	(NOT LESS THAN) .500	+ .375/- .375
100 IN AND OVER	(NOT LESS THAN) 1.000	+ .5%/- .500

TABLE 3 - HOSE ASSEMBLY WEIGHT INFORMATION

HOSE SIZE CODE	HOSE LB/IN NOM (REF)	END FITTING LB/EA STRAIGHT NOM (REF)	END FITTING LB/EA 90° NOM (REF)	HOSE LENGTH CORRECTION FACTOR, INCH /9/ STRAIGHT	HOSE LENGTH CORRECTION FACTOR, INCH /9/ 45°
08	.0081	.055	.058	.96	.77
10	.0111	.067	.080	.96	.95
12	.0137	.110	.134	1.04	1.26
16	.0182	.146	.191	1.12	1.39

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: AS4468 /2/

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

HOSE ASSEMBLY, LINED SILICONE, 125 PSI, FIXED CAVITY COUPLING, POTABLE WATER, STRAIGHT FEMALE TO 90° MALE

SAE AS4798
SHEET 1 OF 2

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