

FEDERAL SUPPLY CLASS
4720

AS4797

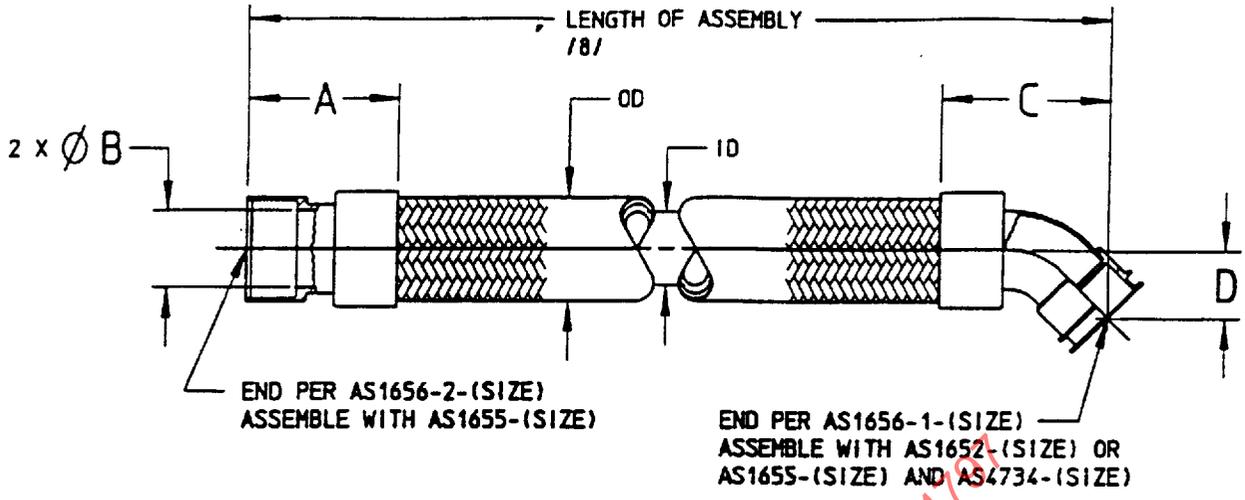


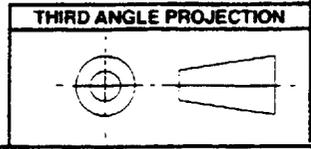
FIGURE 1 - HOSE ASSEMBLY

TABLE 1 - BASIC HOSE AND END FITTING DIMENSIONS

BASIC NO. AND SIZE CODE	HOSE SIZE (REF)	A		B		C		D		ID	OD	OD
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN			
AS4797-08	.500	1.60	.425	1.73	.572	.642	.475	.65	.73			
AS4797-10	.625	1.60	.550	1.88	.611	.694	.600	.81	.85			
AS4797-12	.750	1.84	.654	2.39	.750	.835	.725	.94	.98			
AS4797-16	1.000	1.92	.909	2.48	.800	.906	.975	1.19	1.23			

TABLE 2 - LENGTH TOLERANCE

HOSE ASSEMBLY LENGTH	AVAILABLE INCREMENTS			+	-
				TOLERANCE	TOLERANCE
UNDER 18 in	(NOT LESS THAN) .125 in			.125	.125
18 THRU 36 in	(NOT LESS THAN) .250 in			.250	.250
OVER 36 THRU 100 in	(NOT LESS THAN) .500 in			.375	.375
OVER 100 THRU 500 in	(NOT LESS THAN) 1.000 in			.5	.500
OVER 500 in	(NOT LESS THAN) 1.000 in			1%	.500



CUSTODIAN: SAE G-3/G-3D

PROCUREMENT SPECIFICATION: /3/ AS4466

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL
400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

HOSE ASSEMBLY, SILICONE, LINED -
FIXED CAVITY COUPLING, POTABLE WATER,
125 psi, STRAIGHT FEMALE TO 45° MALE

AS4797

SHEET 1 OF 2

ISSUED 1993-06-04 REVISED

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