

FEDERAL SUPPLY CLASS

4720

AS4797

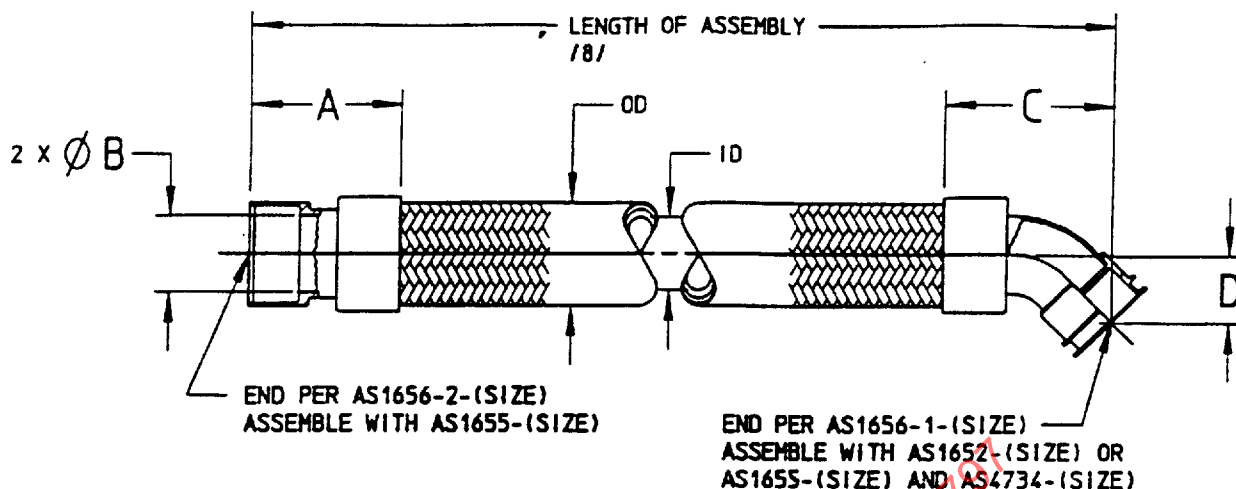


FIGURE 1 - HOSE ASSEMBLY

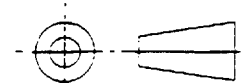
TABLE 1 - BASIC HOSE AND END FITTING DIMENSIONS

BASIC NO. AND SIZE CODE	HOSE SIZE (REF)	A MAX	B MIN	C MAX	D MIN	D MAX	ID MIN	OD MIN	OD MAX
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

THIRD ANGLE PROJECTION



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

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