

AS4803

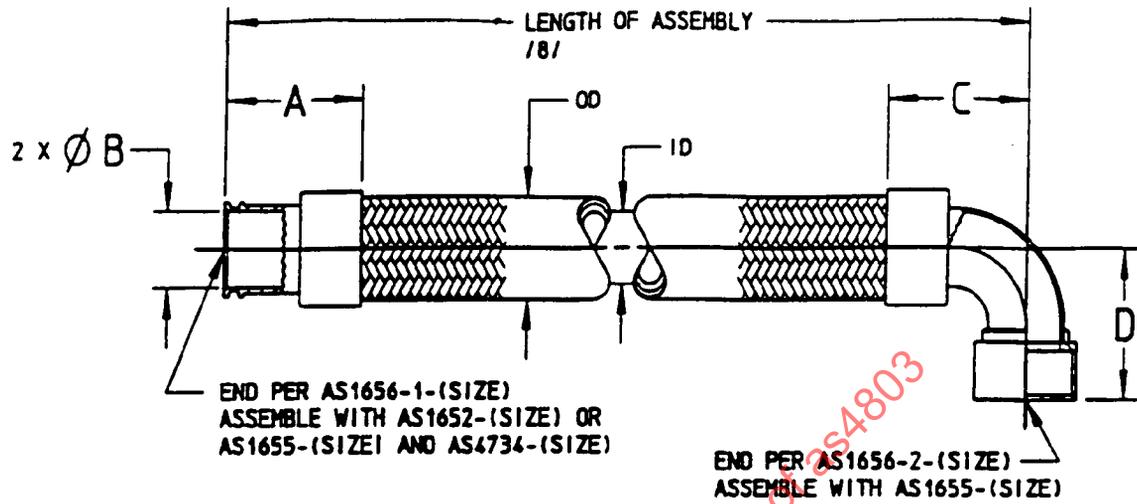


FIGURE 1 - HOSE ASSEMBLY

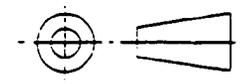
TABLE 1 - BASIC HOSE AND END FITTING DIMENSIONS

BASIC NO. AND SIZE CODE	HOSE SIZE (REF)	A	B	C	O	O	IO	OO	OO
		MAX	MIN	MAX	MIN	MAX	MIN	MIN	MAX
AS4803-08	.500	1.40	.425	1.39	1.226	1.286	.475	.65	.73
AS4803-10	.625	1.40	.550	1.57	1.357	1.417	.600	.81	.85
AS4803-12	.750	1.53	.654	2.05	1.742	1.802	.725	.94	.98
AS4803-16	1.000	1.73	.909	2.17	1.946	2.006	.975	1.19	1.23

TABLE 2 - LENGTH TOLERANCE

HOSE ASSEMBLY LENGTH	AVAILABLE INCREMENTS	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-30

PROCUREMENT SPECIFICATION: /3/ AS4466

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400 Commonwealth Drive, Warrendale, PA 15096-0001

**AEROSPACE STANDARD**

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

**AS4803**

SHEET 1 OF 2

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