

RATIONALE

CORRECTED "MATES WITH" REFERENCE.

REV.
C

SAE AS4802

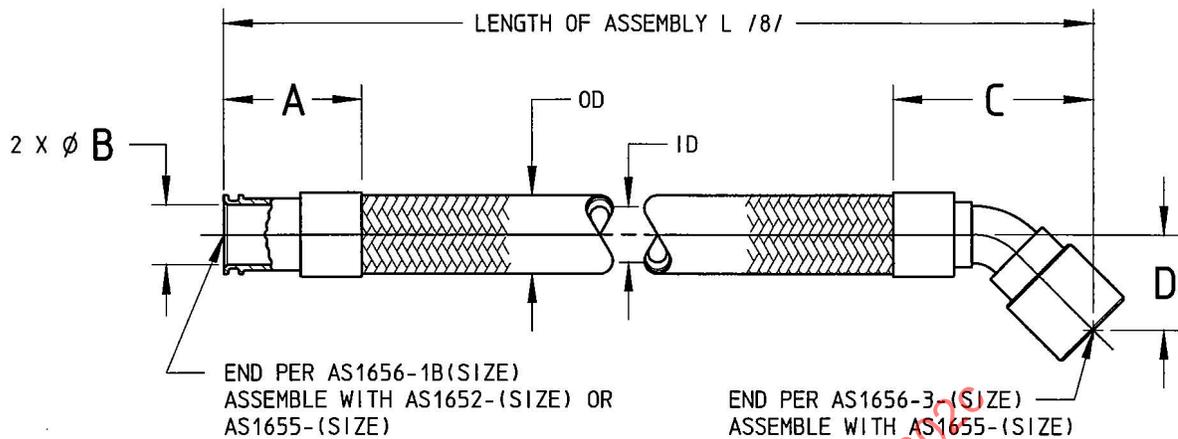


FIGURE 1 - HOSE ASSEMBLY

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
AS4802-08	.500	1.40	.425	1.81	.66	.74	.500	.65	.73
AS4802-10	.625	1.40	.550	1.93	.69	.76	.625	.81	.85
AS4802-12	.750	1.53	.654	2.45	.87	.94	.750	.94	.98
AS4802-16	1.000	1.73	.909	2.60	.96	1.04	1.000	1.19	1.23

TABLE 2 - LENGTH TOLERANCE

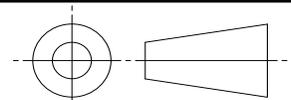
HOSE ASSEMBLY LENGTH	PREFERRED INCREMENTS	TOLERANCE
UNDER 18 IN	(NOT LESS THAN) .125	+.125/- .125
18 TO 36 IN EXCLUSIVE	(NOT LESS THAN) .250	+.250/- .250
36 TO 100 IN EXCLUSIVE	(NOT LESS THAN) .500	+.375/- .375
100 IN AND OVER	(NOT LESS THAN) 1.000	+.5%/- .500

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 45° NOM (REF)	HOSE LENGTH CORRECTION FACTOR, INCH /9/ STRAIGHT	HOSE LENGTH CORRECTION FACTOR, INCH /9/ 45°
08	.0081	.038	.066	.70	1.19
10	.0111	.047	.086	.70	1.30
12	.0137	.083	.139	.75	1.67
16	.0182	.118	.188	.80	1.81

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: AS4468 /2/

SAE Aerospace
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AEROSPACE STANDARD

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

SAE AS4802
SHEET 1 OF 2

**REV.
C**

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