

# AS1474

SAE Technical Board rules provide that: "All technical reports, including standards approved and practices recommended, are advisory only. Their use by anyone engaged in industry or trade is entirely voluntary. There is no agreement to adhere to any SAE standard or recommended practice, and no commitment to conform to or be guided by any technical report. In formulating and approving technical reports, the Board and its Committees will not investigate or consider patents which may apply to the subject matter. Prospective users of the report are responsible for protecting themselves against liability for infringement of patents."

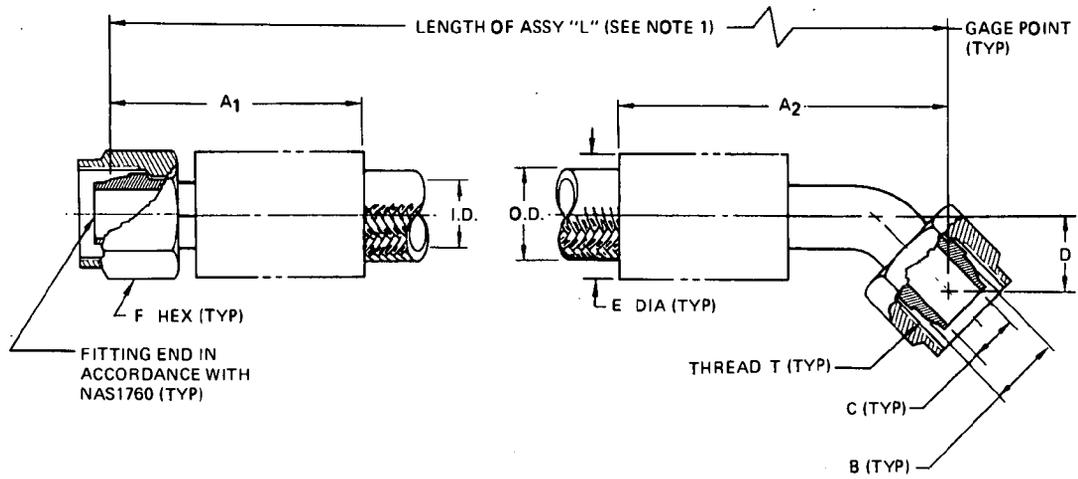


TABLE I

HOSE ASSEMBLY NO. AND SIZE CODE	HOSE ASSY. SIZE (REF)	THREAD T PER MIL-S-8879 (REF)	A <sub>1</sub> MAX	A <sub>2</sub> MAX	B GAGE DIA BASIC	C MIN DIA THRU <span style="border: 1px solid black; padding: 2px;">2</span>	D		E MAX	F HEX ACROSS FLATS (REF)	HOSE I.D. MIN	HOSE O.D.	
							MIN	MAX				MIN.	MAX.
AS1474-04	1/4	.4375-20 UNJF-3B	1.42	1.80	.2930	.174	.33	.39	.67	.58	.235	.35	.39
AS1474-06	3/8	.5625-18 UNJF-3B	1.52	2.16	.4120	.291	.42	.48	.82	.69	.360	.54	.57
AS1474-08	1/2	.7500-16 UNJF-3B	1.67	2.51	.5600	.409	.47	.53	1.03	.88	.485	.68	.73
AS1474-10	5/8	.8750-14 UNJF-3B	1.95	2.84	.6730	.495	.57	.63	1.18	1.00	.810	.61	.86
AS1474-12	3/4	1.0625-12 UNJ-3B	1.99	3.17	.8100	.646	.62	.67	1.47	1.25	.735	.93	.98
AS1474-16	1	1.3125-12 UNJ-3B	2.30	3.80	1.0620	.898	.76	.62	1.75	1.50	.985	1.20	1.24

TABLE II

HOSE ASSEMBLY LENGTH	AVAILABLE INCREMENTS	TOLERANCE
UNDER 18 INCHES	(NOT LESS THAN) .125 INCH	(PLUS OR MINUS) .125 INCH
18 TO 36 INCHES	(NOT LESS THAN) .250 INCH	(PLUS OR MINUS) .250 INCH
36 TO 50 INCHES	(NOT LESS THAN) .500 INCH	(PLUS OR MINUS) .500 INCH
OVER 50 INCHES	(NOT LESS THAN) 1.000 INCH	(PLUS OR MINUS) 1 PER CENT

TABLE III

HOSE SIZE (REF)	MAXIMUM WEIGHTS		
	HOSE LBS/INCH	STANDARD END FITTING (LBS) EACH	
		STRAIGHT	45°
04	.004	.035	.038
06	.008	.059	.069
08	.011	.065	.068
10	.015	.084	.090
12	.016	.129	.144
16	.024	.193	.209

Society of Automotive Engineers, Inc. <small>400 COMMONWEALTH DRIVE, WARRENDALE, PA. 15098</small>	AEROSPACE STANDARD	AS1474
	HOSE ASSEMBLY, FLEXIBLE, LOW PRESSURE, FLARELESS, POTABLE WATER, STRAIGHT TO 45°	

Issued April 1979 Revised