

AS1485

FEDERAL SUPPLY CLASS

RATIONALE

AS1485 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

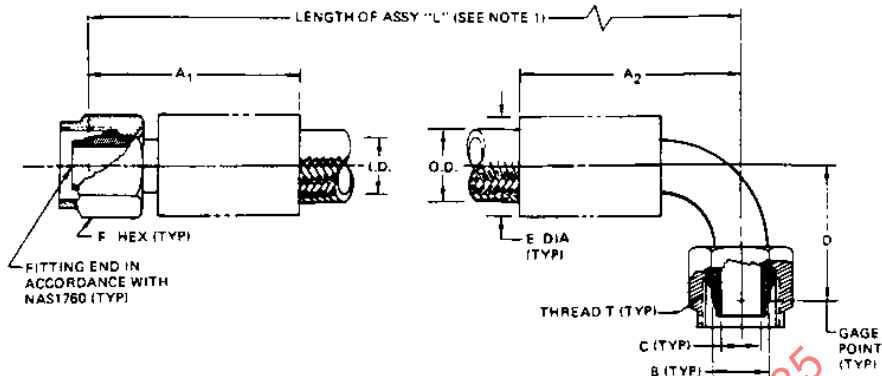


TABLE I

HOSE ASSEMBLY NO. AND SIZE CODE	HOSE ASSY. SIZE (REF)	THREAD T PER MIL-S-8879 (REF)	A1 MAX	A2 MAX	S GAGE DIA BASIC	C MIN DIA THRU 3	D		E MAX	F HEX ACROSS FLATS (REF)	HOSE I.D. MIN.	HOSE O.D.	
							MIN	MAX				MIN.	MAX.
AS1485-04	1/4	.4375-20 UNJF-3B	1.42	1.82	.2930	.174	.82	.70	.87	.86	.199	.34	.37
AS1485-06	3/8	.5625-18 UNJF-3B	1.52	1.86	.4120	.291	.82	.80	.82	.99	.310	.47	.50
AS1485-08	1/2	.7500-18 UNJF-3B	1.87	2.18	.5900	.409	.96	1.04	1.03	.88	.396	.59	.62
AS1485-10	5/8	.8750-14 UNJF-3B	1.96	2.46	.6730	.496	1.18	1.28	1.18	1.00	.610	.79	.82
AS1485-12	3/4	1.0625-12 UNJ-3B	1.99	2.74	.8100	.646	1.31	1.39	1.47	1.26	.736	.91	.94
AS1485-16	1	1.3125-12 UNJ-3B	2.30	3.30	1.0620	.896	1.67	1.75	1.75	1.80	.985	1.16	1.19

TABLE II

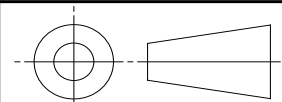
HOSE ASSEMBLY LENGTH	AVAILABLE INCREMENTS	TOLERANCE
UNDER 16 INCHES	(NOT LESS THAN) .125 INCH	(PLUS OR MINUS) .125 INCH
16 TO 36 INCHES	(NOT LESS THAN) .250 INCH	(PLUS OR MINUS) .250 INCH
36 TO 50 INCHES	(NOT LESS THAN) .500 INCH	(PLUS OR MINUS) .500 INCH
OVER 50 INCHES	(NOT LESS THAN) 1.000 INCH	(PLUS OR MINUS) 1 PER CENT

TABLE III

HOSE SIZE (REF)	MAXIMUM WEIGHTS		
	HOSE LBS/INCH	STANDARD END FITTING (LBS) EACH	
		STRAIGHT	90°
04	.003		
06	.006		
08	.008		
10	.010		
12	.014		
16	.018		

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS1485>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3



AEROSPACE STANDARD

HOSE ASSEMBLY, SEMI-RIGID, LOW PRESSURE, FLARELESS, POTABLE WATER, STRAIGHT TO 90°

AS1485
SHEET 1 OF 2