REV. A

AS1485™

FEDERAL SUPPLY CLASS

RATIONALE

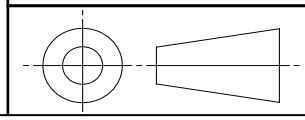
THIS TECHNICAL REPORT IS BEING STABILIZED BECAUSE IT COVERS TECHNOLOGY, PRODUCTS, OR PROCESSES WHICH ARE MATURE AND NOT LIKELY TO CHANGE IN THE FORESEEABLE FUTURE.

STABILIZED NOTICE

THIS DOCUMENT HAS BEEN DECLARED "STABILIZED" BY SAE G-3, AEROSPACE COUPLINGS, FITTINGS, HOSE, TUBING ASSEMBLIES COMMITTEE AND WILL NO LONGER BE SUBJECTED TO PERIODIC REVIEWS FOR CURRENCY. USERS ARE RESPONSIBLE FOR VERIFYING REFERENCES AND CONTINUED SUITABILITY OF TECHNICAL REQUIREMENTS. NEWER TECHNOLOGY MAY EXIST.

For more information on this standard, visit
https://www.sae.org/standards/content/AS1485A/

THIRD ANGLE PROJECTION



ISSUED 1979-04 REAFFIRMED 2014-11 STABILIZED 2024-01

CUSTODIAN: G-3

PROCUREMENT SPECIFICATION:

AEROSPACE STANDARD

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

AS1485™

REV. A

SAE Executive Standards Committee Rules provide that: " This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

Copyright © 2024 SAE International
All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: **Tel: 877-606-7323 (inside USA and Canada)** **Tel: +1 724-776-4970 (outside USA)**
Fax: 724-776-0790 **Email: CustomerService@sae.org** **SAE WEB ADDRESS: http://www.sae.org**

Documents Document Sharing Hub

Full document details: SAE AS1485A

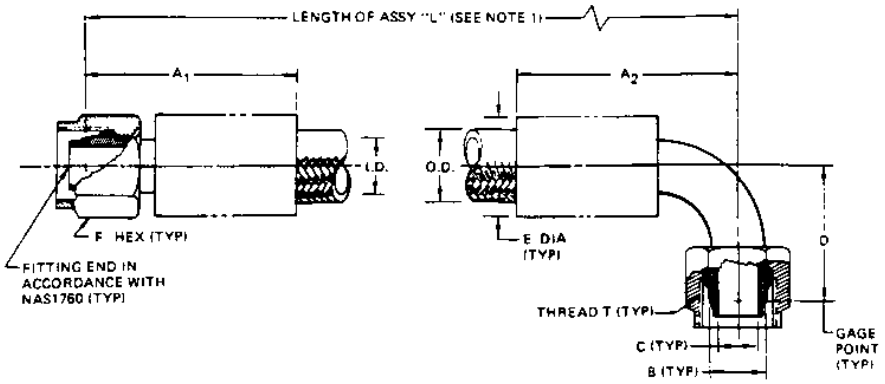


TABLE I

HOSE ASSEMBLY NO. AND SIZE CODE	HOSE ASSY. SIZE (REF)	THREAD T PER MIL-S-8879 (REF)	A_1 MAX	A_2 MAX	B 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	1.52	.2930	.174	.62	.70	.87	.56	.199	.34	.37
AS1485-06	3/8	.5625-18 UNJF-3B	1.52	1.86	.4120	.291	.82	.90	.82	.69	.310	.47	.50
AS1485-08	1/2	.7500-16 UNJF-3B	1.87	2.16	.5800	.409	.96	1.04	1.03	.89	.396	.59	.62
AS1485-10	5/8	.8750-14 UNJF-3B	1.95	2.46	.6730	.495	1.18	1.26	1.18	1.00	.610	.79	.82
AS1485-12	3/4	1.0625-12 UNJ-3B	1.98	2.74	.8100	.646	1.31	1.39	1.47	1.25	.735	.91	.94
AS1485-16	1	1.3125-12 UNJ-3B	2.30	3.30	1.0620	.896	1.67	1.75	1.75	1.50	.985	1.16	1.19

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	90°
04	.003		
06	.005		
08	.008		
10	.010		
12	.014		
16	.018		

AVA Documents
Document Sharing Hub

Full document details: SAE AS1485A