

AEROSPACE STANDARD

AS115

Issued August, 1976 Revised

Society of Automotive Engineers, Inc. 400 COMMONWEALTH DRIVE, WARRENDALE, PA. 15096

HOSE ASSEMBLY, NONMETALLIC-3000 PSI, TFE, FLARELESS, STRAIGHT TO STRAIGHI, LIGHTWEIGHT

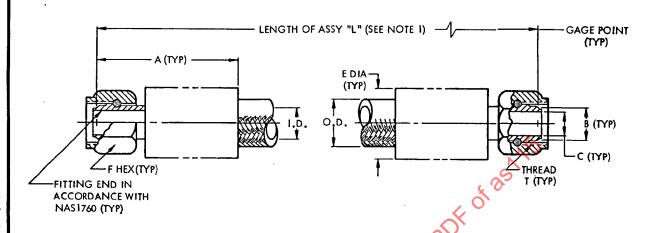


TABLE I

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HOSE ASSEMBLY NO. AND SIZE CODE	HOSE ASSEMBLY SIZE REF	THREAD T PER MIL-S-8879 REF	I.D. MIN	MAX	B GAGE DIA BASIC	C MIN DIA THRU	E 6 DIA MAX WITHOUT SLEEVING	F HEX REF
AS115-04 AS115-06 AS115-08 AS115-10 AS115-12 AS115-16	1/4 3/8 1/2 5/8 3/4	.4375-20 UNJF-3B .5625-18 UNJF-3B .7500-16 UNJF-3B .8750-14 UNJF-3B 1.0625-12 UNJ-3B 1.3125-12 UNJ-3B	.212 .298 .391 .485 .602 .852	1.56 1.75 2.00 2.25 2.50 3.00	.2930 .4120 .5600 .6730 .8100	.141 .250 .360 .455 .568	.69 .80 .97 1.11 1.38 1.66	.56 .69 .88 1.00 1.25 1.50

TABLE II

HOSE ASSEMBLY LENGTH	AVAILABLE INCREMENTS	TOLERANCE
UNDER 18 INCHES 18 TO 36 INCHES 36 TO 50 INCHES OVER 50 INCHES	(NOT LESS THAN) 1/8 INCH (NOT LESS THAN) 1/4 INCH (NOT LESS THAN) 1/2 INCH (NOT LESS THAN) 1 INCH	(PLUS OR MINUS) .125 INCH (PLUS OR MINUS) .250 INCH (PLUS OR MINUS) .500 INCH (PLUS OR MINUS) 1 PER CENT

TABLE III

SLEEVING CODE OR	TYPE OF SLEEVING OR	HOSE OR SLEEVE O.D. MAX HOSE SIZE					TEMPERATURE LIMIT	
HOSE	HOSE	1/4	3/8	1/2	5/8	3/4	1	
NONE	HOSE ONLY	.410	.540	.640	. 745	.990		400°F
A	TUBULAR ABRASION (TFE)	.580	.678	.800	.850	1.184		400°F
В	SPIRAL ABRASION	.508	.612	.754	.847	1.080		275°F
С	FIRESLEEVE	.875	.940	1.100	1.230	1.480		400°F
D	INTEGRAL ABRASION	.500	.625	.708	.832	1.112		400°F
Е	SHRINK ABRASION (FEP)	.470	.600	.700	.805	1.050		400°F
F	SHRINK ABRASION (POLYOLEFIN)	.470	.610	.700	.815	1.050		275°F

CONSTRUCTION AND PERFORMANCE:

THESE HOSE ASSEMBLIES SHALL MEET THE CONSTRUCTION AND

PERFORMANCE REQUIREMENTS OF ARP 1339

FITTINGS SHALL BE PERMANENTLY ATTACHED TO THE HOSE.

RATED OPERATING CHARACTERISTICS: SEE ARP 1339.