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AS7055™

FEDERAL SUPPLY CLASS
4720

RATIONALE

NEW PART STANDARD.

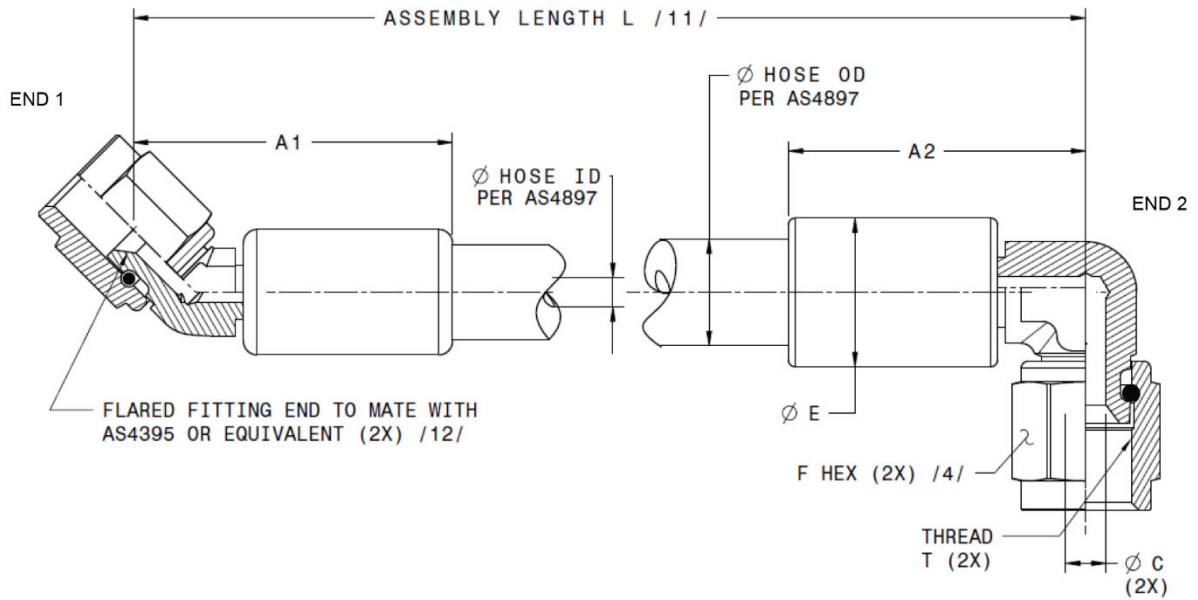


FIGURE 1 - HOSE ASSEMBLY

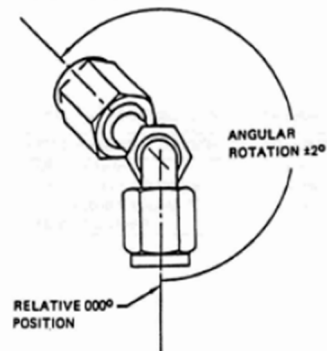
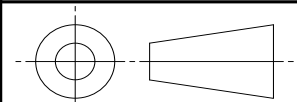


FIGURE 2 - FITTING ANGULAR ORIENTATION /17/

For more information on this standard, visit
<https://www.sae.org/standards/content/AS7055/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: AS4897 /7/



AEROSPACE STANDARD

HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE,
METAL BRAID, LOW PRESSURE, FIREPROOF, FLARED,
45° TO 90°

AS7055™
SHEET 1 OF 4



Documents

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TABLE 1 - DIMENSIONS (INCHES)

HOSE ASSEMBLY NO. & SIZE /14/	HOSE SIZE (REF)	FITTING TYPE /15/	THREAD T PER AS8879 (REF)	HOSE ID MIN (REF)	A1 CUFF MAX	A2 CUFF MAX	C MIN BALL DIA /8/	E MAX	F HEX (REF)
AS7055D (-03)	.188	S E	.3750-24UNJF-3B .4375-20UNJF-3B	.110 .110	1.40 1.55	1.25 1.30	.068 .068	.58 .58	.500 .562
AS7055E (-04)	.250	R S E	.3750-24UNJF-3B .4375-20UNJF-3B .5000-20UNJF-3B	.173 .173 .173	1.56 1.68 1.68	1.40 1.42 1.46	.068 .112 .112	.69 .69 .69	.500 .562 .625
AS7055F (-05)	.313	R S E	.4375-20UNJF-3B .5000-20UNJF-3B .5625-18UNJF-3B	.235 .235 .235	1.62 1.62 1.70	1.40 1.40 1.53	.112 .164 .164	.72 .72 .72	.562 .625 .688
AS7055G (-06)	.375	R S E	.5000-20UNJF-3B .5625-18UNJF-3B .7500-16UNJF-3B	.298 .298 .298	1.85 1.85 2.23	1.59 1.63 1.86	.164 .218 .218	.79 .79 .79	.625 .688 .875
AS7055H (-08)	.500	R S E	.5625-18UNJF-3B .7500-16UNJF-3B .8750-14UNJF-3B	.391 .391 .391	2.14 2.19 2.36	1.81 1.90 2.02	.218 .289 .289	.91 .91 .91	.688 .875 1.000
AS7055J (-10)	.625	R S E	.7500-16UNJF-3B .8750-14UNJF-3B 1.0625-12UNJ-3B	.485 .485 .485	2.46 2.46 2.60	2.17 2.17 2.30	.289 .366 .366	1.05 1.05 1.05	.875 1.000 1.250
AS7055K (-12)	.750	R S E	.8750-14UNJF-3B 1.0625-12UNJ-3B 1.3125-12UNJ-3B	.615 .615 .615	2.60 2.60 3.40	2.30 2.30 3.10	.366 .466 .466	1.19 1.19 1.19	1.000 1.250 1.500

TABLE 2 - ASSEMBLY LENGTH TOLERANCES

HOSE ASSEMBLY LENGTH	TOLERANCE
UNDER 18 INCHES	±.125 INCH
18 TO 36 INCHES, EXCLUSIVE	±.250 INCH
36 TO 50 INCHES, EXCLUSIVE	±.500 INCH
50 INCHES AND OVER	±1%

TABLE 3 - HOSE WEIGHT MAX - ALL OTHERS REF

HOSE OR FITTING	FITTING TYPE /15/	UNITS	HOSE SIZE -03	HOSE SIZE -04	HOSE SIZE -05	HOSE SIZE -06	HOSE SIZE -08	HOSE SIZE -10	HOSE SIZE -12
HOSE	--	LB/IN	.008	.010	.012	.014	.017	.022	.027
FITTING END 45° /16/									
CRES	S	LB/EA	.048	.070	.082	.106	.208	.330	.427
TI	S	LB/EA	.033	.047	.055	.073	.139	.186	.323
FITTING END 90° /16/									
CRES	S	LB/EA	.057	.075	.092	.122	.234	.393	.590
TI	S	LB/EA	.038	.050	.061	.083	.153	.246	.359

NOTES:

1. CONSTRUCTION AND PERFORMANCE: AS4897, FITTINGS SHALL BE PERMANENTLY ATTACHED TO THE HOSE.
2. OPERATING CHARACTERISTICS: REFER TO AS4897.
3. HOSE AND FITTING MATERIALS PER AS4897. /5/

	AEROSPACE STANDARD		AS7055™ SHEET 2 OF 4	
	HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE, METAL BRAID, LOW PRESSURE, FIREPROOF, FLARED, 45° TO 90°			

