

RATIONALE

AS5956C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

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SAE AS5956

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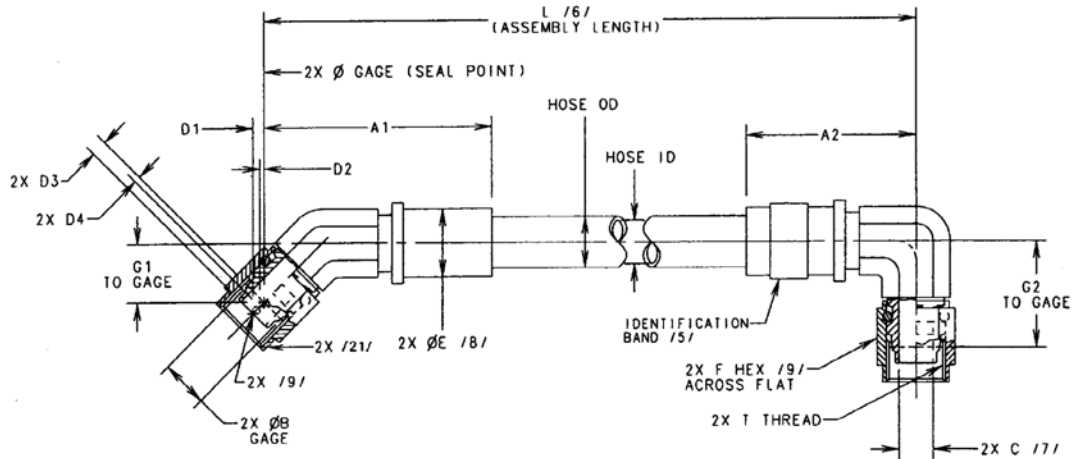


FIGURE 1 - FLARELESS HOSE ASSEMBLY, 45° TO 90° ELBOW

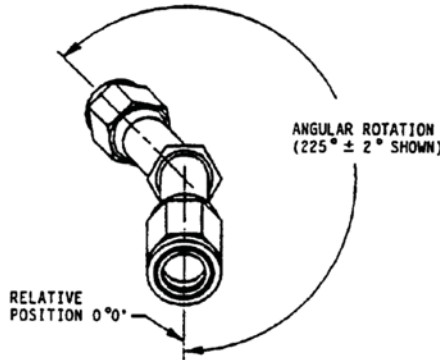


FIGURE 2 - FITTING ORIENTATION /17/

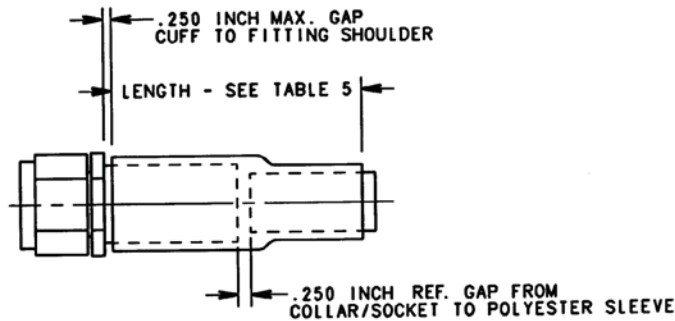
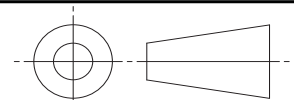


FIGURE 3 - POLYESTER ABRASION SLEEVE CUFF /20/

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: /2/ AS5951

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE, PARA ARAMID REINFORCED, 275 °F, 5080 PSI, FLARELESS, TITANIUM FITTINGS, 45° TO 90°

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TABLE 1 - HOSE AND FITTING DIMENSIONS

BASIC HOSE ASSEMBLY NO. AS5956	SIZE CODE	SIZE	REF THREAD PER AS8879	HOSE ID		REF B GAGE		C /7/ FITTING DIA. MIN.	REF /9/ D1	REF /9/ D2	REF /9/ D3	REF /9/ D4	REF E /8/ MAX	REF F HEX MIN	G1 MIN	G1 MAX	G2 MIN	G2 MAX	ELBOW FITTING BALL SIZE MIN THRU /7/ IN
				MIN	MAX	MIN	MAX												
E	.250	.4375-28UNJEF-3B		.212	2.37	2.06	.2930	.133	.11	.038	.16	.055	.68	.56	.328	.458	.74	.87	.113
G	.375	.5625-24UNJEF-3B		.298	2.55	2.35	.4120	.226	.11	.038	.16	.055	.85	.69	.368	.498	.81	.94	.192
H	.500	.7500-20UNJEF-3B		.391	2.92	2.58	.5600	.330	.13	.046	.19	.066	.98	.88	.487	.617	.99	1.12	.281
J	.625	.8750-20UNJEF-3B		.485	3.53	3.16	.6730	.410	.14	.046	.20	.066	1.10	1.00	.509	.630	1.14	1.34	.349
K	.750	1.0625-18UNJEF-3B		.602	4.60	4.15	.8100	.510	.16	.046	.23	.066	1.40	1.25	.586	.786	1.33	1.55	.434
M	1.000	1.3125-16UNJ-3B		.852	5.53	5.00	1.0620	.750	.21	.046	.30	.066	1.80	1.50	.631	.831	1.57	1.77	.630

TABLE 2 - HOSE OR SLEEVE OUTSIDE DIAMETERS /10/ (DIAMETERS ARE MAXIMUM UNLESS OTHERWISE NOTED)

SLEEVE CODE	SLEEVE MATERIAL	TEMP LIMIT °F	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE
			.250	.375	.500	.625	.750	1.000
-	(-) INDICATES HOSE ONLY NO SLEEVE (REF)	275	.420-.590	.525-.760	.750-.925	.870-.985	.980-1.180	1.264-1.580
G	FIRE SLEEVE (AS1072 SIL-FG) (5 MIN) /11/ /12/ /13/	275	.97	1.15	1.38	1.5	1.75	2.06
F	ABRASION SLEEVE SHRINK-ON (POLYOLEFIN AS1073-CODE B) /18/	275	.65	.83	.99	1.06	1.26	1.67
K	INTEGRAL ABRASION SLEEVE (BRAIDED) POLYESTER	275	.495-.685	.600-.855	.825-1.020	.945-1.080	1.055-1.275	1.339-1.675

TABLE 3 - HOSE ASSEMBLY LENGTH TOLERANCES

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