

MA2084

FEDERAL SUPPLY CLASS
4720

RATIONALE

MA2084 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

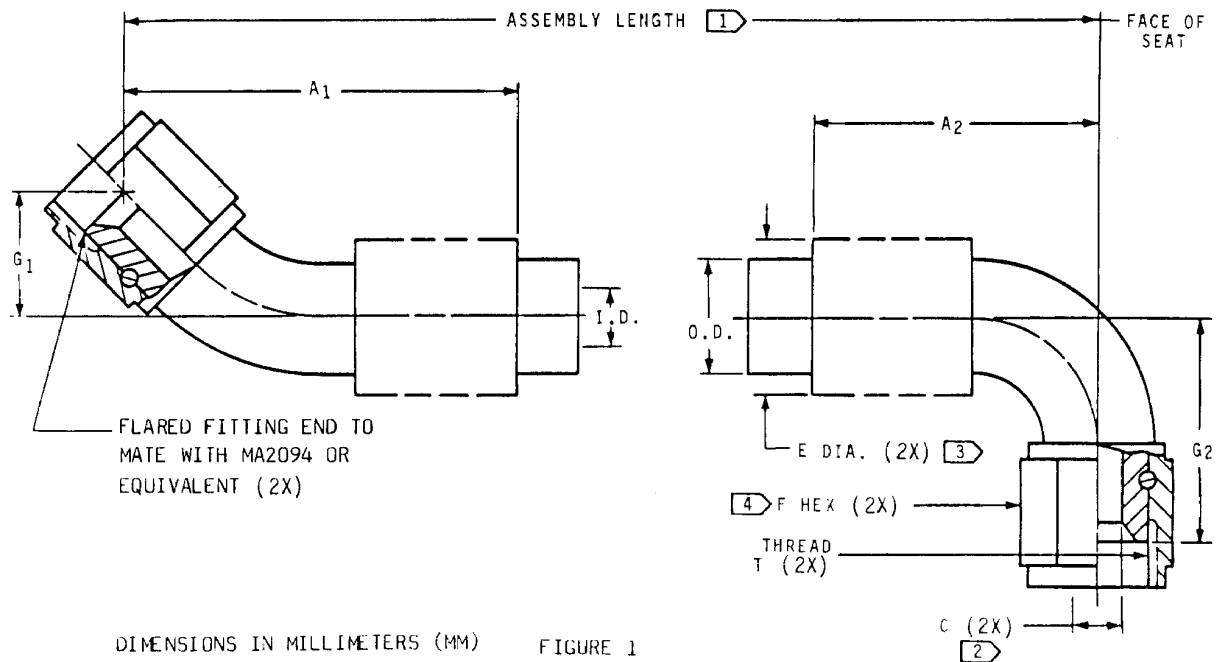
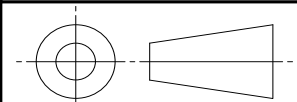


TABLE 1

HOSE ASSEMBLY NO. AND SIZE CODE	SIZE REF	THREAD T PER AS1370 (ISO 5855) 4H-5H REF	I.D. MIN	A1 MAX	A2 MAX	C 2 DRILL DIA MIN	E 3 DIA MAX WITHOUT SLEEVING	F HEX REF	BALL SIZE MIN THRU DIA 2	
									MS 19059 DASH NO.	DIA MM
MA 2084E MA 2084G	6.0 9.5	MJ 12x1.25 MJ 16x1.5	5.38 7.57	52.83 58.17	44.45 50.80	3.43 6.10	17.53 20.32	14.22 17.53	4807 4812	2.768 4.775
MA 2084H MA 2084J	12.5 15.5	MJ 18x1.5 MJ 22x1.5	9.93 12.32	66.29 78.49	60.45 71.37	8.64 10.42	24.64 28.20	22.35 25.40	4816 4818	7.950 9.525
MA 2084K MA 2084M	19.0 25.0	MJ 27x1.5 MJ 33x1.5	15.29 21.64	87.38 95.25	82.55 83.82	12.95 19.30	35.06 42.17	31.75 38.10	4821 4829	11.912 18.262

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/MA2084>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: MA2007



AEROSPACE STANDARD

HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE, CRES REINFORCED, 204 °C, 21,000 KPA, 60-DEG CONE, 45-DEG TO 90-DEG, LIGHTWEIGHT, METRIC

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TABLE I (Cont'd)

HOSE ASSEMBLY NO. AND SIZE CODE	SIZE REF	G ₁		G ₂	
		MIN	MAX	MIN	MAX
MA 2084E MA 2084G	6.0 9.5	7.112 9.398	11.430 14.351	15.621 21.082	18.796 23.368
MA 2084H MA 2084J	12.5 15.5	10.922 12.954	16.383 17.145	23.114 28.194	28.956 33.274
MA 2084K MA 2084M	19.0 25.0	14.986 19.304	18.288 20.828	34.036 45.847	38.100 47.371

**AEROSPACE STANDARD**

HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE,
CRES REINFORCED, 204 °C, 21,000 KPA, 60-DEG CONE,
45-DEG TO 90-DEG, LIGHTWEIGHT, METRIC

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TABLE 11

SLEEVE CODE	SLEEVE MATERIAL	TEMP LIMIT °C	TOLERANCE	HOSE OR SLEEVE OUTSIDE DIAMETER 					
				HOSE SIZE					
				E	G	H	J	K	M
-	(--) INDICATES HOSE ONLY NO SLEEVE (AS 1624)	204	MAX MIN	9.91 9.14	12.45 11.56	15.62 14.86	18.54 17.53	25.15 24.13	32.26 31.24
A	ABRASION SLEEVE TUBULAR (TFE-AS1291 - CODE B) 	204	MAX MIN	12.70 11.18	15.24 13.72	18.54 17.02	21.34 19.81	28.19 26.67	35.56 34.04
B	ABRASION SLEEVE COIL NYLON (AS1294) 	135	MAX MIN	11.43 9.91	13.97 12.45	17.65 16.13	20.57 19.05	27.43 25.91	34.54 33.02
C	FIRE SLEEVE (AS1072 SIL-FG) (15 MIN)   	204	MAX MIN	15.88 12.70	19.05 15.88	22.22 19.05	25.40 22.22	31.75 28.58	38.10 34.92
D	ABRASION SLEEVE SHRINK-ON (FEP) 	177	MAX MIN	10.77 9.50	13.72 12.19	16.89 15.62	20.07 18.54	27.18 25.65	34.29 32.77
E	ABRASION SLEEVE SHRINK-ON (POLYOLEFIN AS1073 - CODE B) 	135	MAX MIN	11.43 10.16	14.22 12.83	17.65 16.38	20.57 19.05	27.43 25.91	34.54 33.02
F	FIRE SLEEVE (AS1072 SIL FG) (5 MIN)   	204	MAX MIN	15.88 12.70	19.05 15.88	22.22 19.05	25.40 22.22	31.75 28.58	38.10 34.92
G	FIRE SLEEVE INTEGRAL SILICONE (15 MIN) (AS1722) 	204	MAX MIN	16.76 15.24	18.92 17.40	22.73 21.21	25.53 24.00	30.99 29.46	38.48 36.96
H	FIRE SLEEVE INTEGRAL SILICONE (5 MIN) 	204	MAX MIN	16.76 15.24	18.92 17.40	22.73 21.21	25.53 24.00	30.99 29.46	38.48 36.96
J	INTEGRAL ABRASION SLEEVE (BRAIDED) POLYESTER 	177	MAX MIN	12.45 11.28	14.48 13.59	17.65 16.51	20.32 19.30	27.18 26.16	34.29 33.27
K	ABRASION SLEEVE COIL (PTFE-AS1293) 	204	MAX MIN	12.70 11.18	15.24 13.72	18.54 17.02	21.90 20.37	28.19 26.67	35.56 34.04



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45-DEG TO 90-DEG, LIGHTWEIGHT, METRIC

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