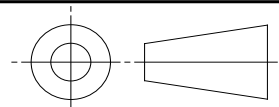


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REV. B	FEDERAL SUPPLY CLASS	
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AS644™	SAE values your input. To provide feedback on this Technical Report, please visit http://standards.sae.org/AS644B THIRD ANGLE PROJECTION 	
CUSTODIAN: SAE G-3/G-3D		PROCUREMENT SPECIFICATION: /15/ AS1946
	AEROSPACE STANDARD HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE METAL BRAID, M,EDIUM PRESSURE, FLARED, 45° TO 90°	AS644™ REV. B

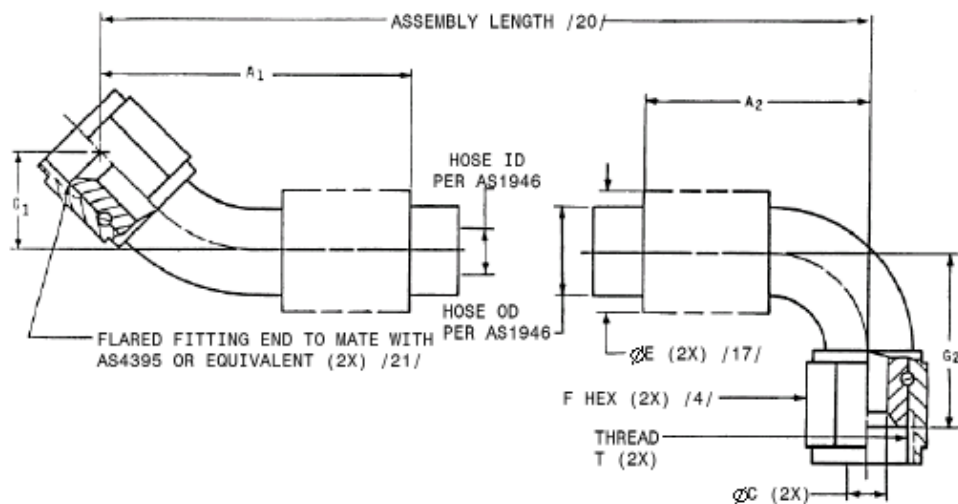


FIGURE 1 - HOSE ASSEMBLY

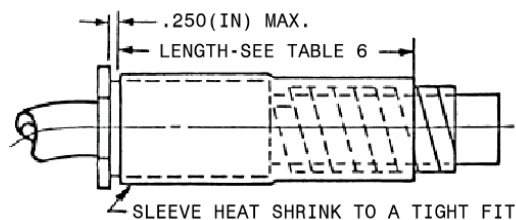


FIGURE 2 - ABRASION SLEEVE ATTACHMENT /7/ /8/

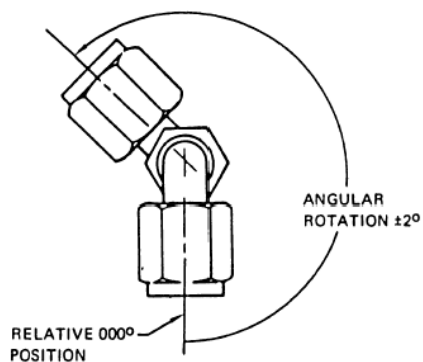
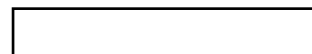


FIGURE 3 - FITTING ANGULAR ORIENTATION /26/



	AEROSPACE STANDARD		AS644™ SHEET 1 OF 8	REV. B
	HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE METAL BRAID, M,EDIUM PRESSURE, FLARED, 45° TO 90°			





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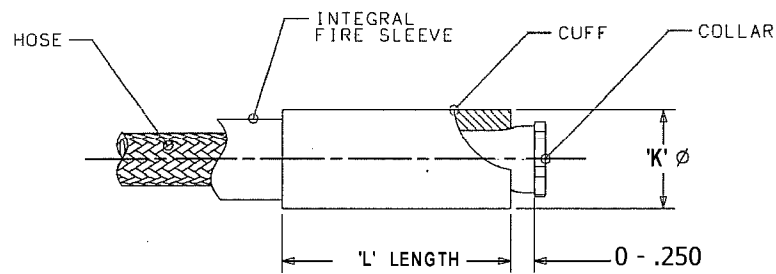


FIGURE 4 – SEE TABLE 7 /27/

TABLE 1 - DIMENSIONS

HOSE ASSEMBLY NO. & SIZE /24/	HOSE SIZE (REF)	FITTING G TYPE /25/	FITTING MATL /5/	THREAD T PER AS8879 (REF)	HOSE ID (REF)	A1 MAX	A2 MAX	C MIN BALL DIA /16/	E MAX WITHOUT SLEEVING /17/	F HEX (REF)	G 1 MIN	G1 MAX	G2 MIN	G2 MAX
AS644D (-03)	.188	-	-	-	-	-	-	-	-	-	-	-	-	-
AS644D (-03)	.188	S	CRES	.3750-24UNJF-3B	.110	1.63	1.56	.068	.49	.500	.263	.388	.510	.680
			AL	.3750-24UNJF-3B	.110	1.63	1.56	.068	.49	.500	.263	.388	.510	.680
			TI	.3750-24UNJF-3B	.110	1.63	1.56	.068	.49	.500	.263	.388	.510	.680
AS644D (-03)	.188	E	CRES	.4375-20UNJF-3B	.110	1.92	1.56	.068	.49	.562	.302	.427	.510	.635
			AL	.4375-20UNJF-3B	.110	1.92	1.56	.068	.49	.562	.302	.427	.510	.635
			TI	.4375-20UNJF-3B	.110	1.92	1.56	.068	.49	.562	.302	.427	.510	.635
AS644E (-04)	.250	R	CRES	.3750-24UNJF-3B	.173	1.92	1.56	.068	.55	.500	.302	.427	.510	.685
			AL	.3750-24UNJF-3B	.173	1.92	1.56	.068	.55	.500	.302	.427	.510	.685
			TI	.3750-24UNJF-3B	.173	1.92	1.56	.068	.55	.500	.302	.427	.510	.685
AS644E (-04)	.250	S	CRES	.4375-20UNJF-3B	.173	1.92	1.56	.112	.55	.562	.302	.427	.560	.685
			AL	.4375-20UNJF-3B	.173	1.92	1.56	.112	.55	.562	.302	.427	.560	.685
			TI	.4375-20UNJF-3B	.173	1.92	1.56	.112	.55	.562	.302	.427	.560	.685
AS644E (-04)	.250	E	CRES	.5000-20UNJF-3B	.173	1.94	1.62	.112	.55	.625	.314	.445	.560	.840
			AL	.5000-20UNJF-3B	.173	1.94	1.62	.112	.55	.625	.314	.445	.560	.840
			TI	.5000-20UNJF-3B	.173	1.94	1.62	.112	.55	.625	.314	.445	.560	.840
AS644F (-05)	.313	R	CRES	.4375-20UNJF-3B	.235	1.94	1.62	.112	.63	.562	.314	.445	.560	.840
			AL	.4375-20UNJF-3B	.235	1.94	1.62	.112	.63	.562	.314	.445	.560	.840
			TI	.4375-20UNJF-3B	.235	1.94	1.62	.112	.63	.562	.314	.445	.560	.840
AS644F (-05)	.313	S	CRES	.5000-20UNJF-3B	.235	1.94	1.62	.164	.63	.625	.314	.445	.635	.840
			AL	.5000-20UNJF-3B	.235	1.94	1.62	.164	.63	.625	.314	.445	.635	.840
			TI	.5000-20UNJF-3B	.235	1.94	1.62	.164	.63	.625	.314	.445	.635	.840
AS644F (-05)	.313	E	CRES	.5625-18UNJF-3B	.235	2.11	1.81	.164	.63	.688	.369	.494	.635	.885
			AL	.5625-18UNJF-3B	.235	2.11	1.81	.164	.63	.688	.369	.494	.635	.885
			TI	.5625-18UNJF-3B	.235	2.11	1.81	.164	.63	.688	.369	.494	.635	.885
AS644G (-06)	.375	R	CRES	.5000-20UNJF-3B	.298	2.11	1.81	.164	.70	.625	.369	.494	.635	.885
			AL	.5000-20UNJF-3B	.298	2.11	1.81	.164	.70	.625	.369	.494	.635	.885
			TI	.5000-20UNJF-3B	.298	2.11	1.81	.164	.70	.625	.369	.494	.635	.885
AS644G (-06)	.375	S	CRES	.5625-18UNJF-3B	.298	2.11	1.81	.218	.70	.688	.369	.494	.700	.885
			AL	.5625-18UNJF-3B	.298	2.11	1.81	.218	.70	.688	.369	.494	.700	.885
			TI	.5625-18UNJF-3B	.298	2.11	1.81	.218	.70	.688	.369	.494	.700	.885
AS644G (-06)	.375	E	CRES	.7500-16UNJF-3B	.298	2.36	1.99	.218	.70	.875	.445	.632	.700	1.060
			AL	.7500-16UNJF-3B	.298	2.36	1.99	.218	.70	.875	.445	.632	.700	1.060
			TI	.7500-16UNJF-3B	.298	2.36	1.99	.218	.70	.875	.445	.632	.700	1.060