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AS4503

FEDERAL SUPPLY CLASS

RATIONALE

CORRECTED NOTE NUMBERS AND CLARIFIED COVER CODES SHOWN IN TABLE 3. UPDATED NOTE 2 TO CURRENT STANDARD QPL WORDING.

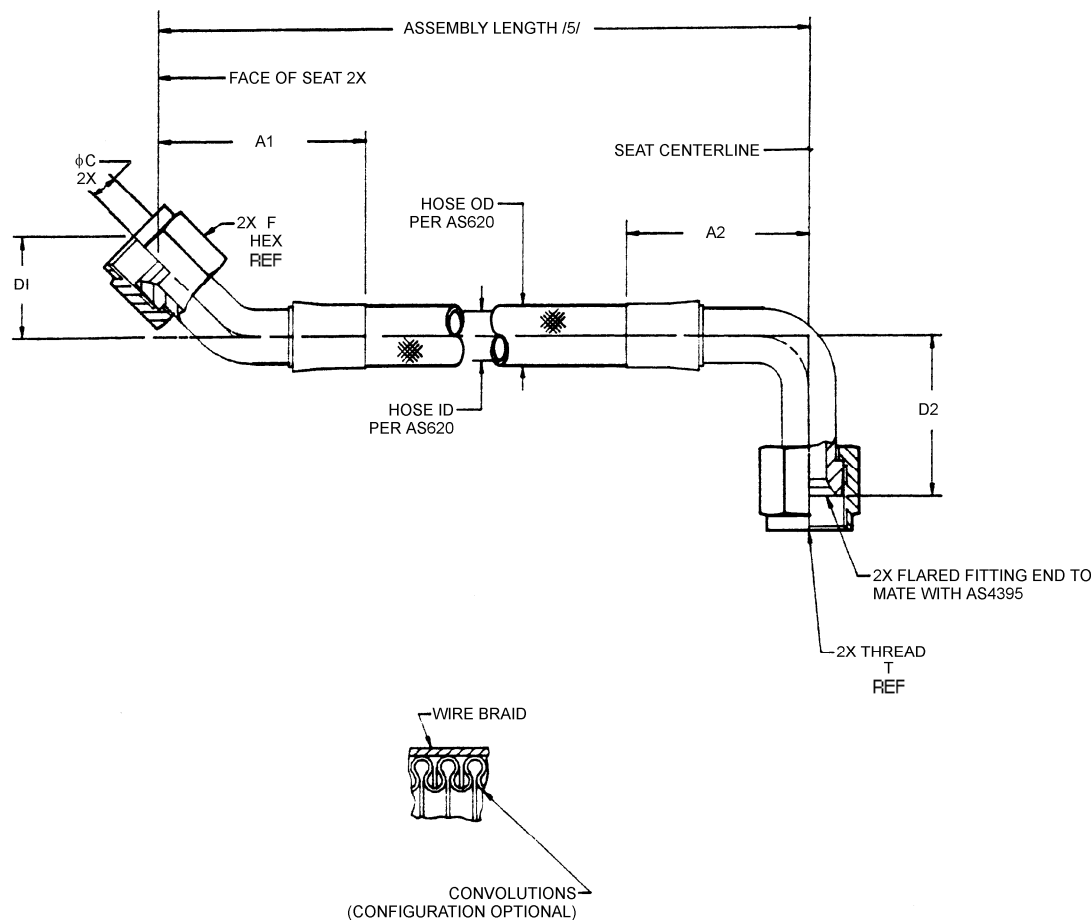


FIGURE 1 - HOSE ASSEMBLY

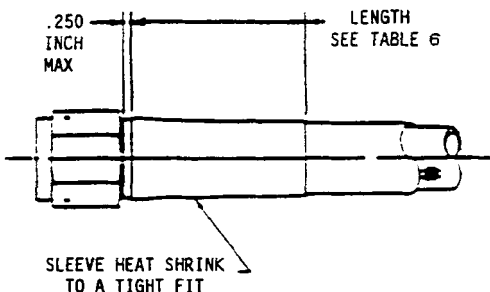
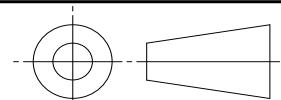


FIGURE 2 - SPIRAL AND POLYESTER ABRASION COVER /6/, /7/

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: AS620 /2/



AEROSPACE STANDARD

HOSE ASSEMBLY, CONVOLUTED, POLYTETRAFLUOROETHYLENE, METALLIC REINFORCED CONDUCTIVE, FLARED, 45° TO 90°

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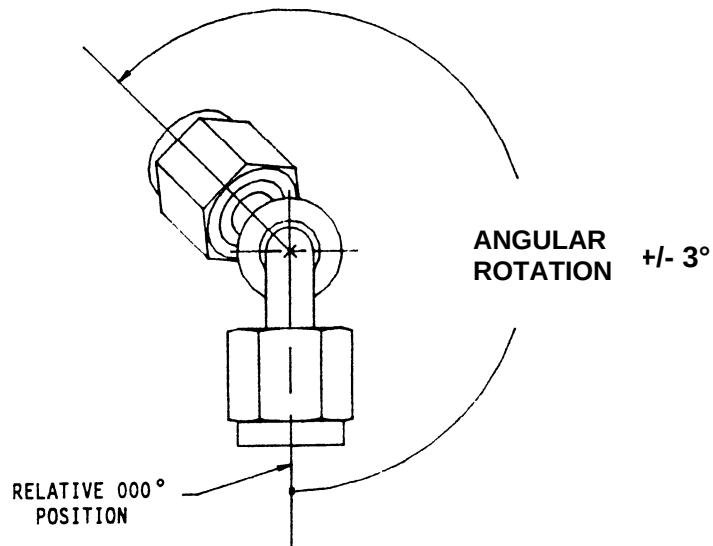


FIGURE 3 - FITTING ANGULAR ORIENTATION /15/

TABLE 1 - ASSEMBLY DIMENSIONS

HOSE ASSEMBLY AS4503 SIZE CODE	HOSE ASSEMBLY SIZE REF	THREAD T PER AS8879 REF	A ₁ MAX	A ₂ MAX	ØC /8/ MIN	D ₁ MIN	D ₁ MAX	D ₂ MIN	D ₂ MAX	ØE /9/ MAX WITHOUT SLEEVING	F HEX REF
E	.250	.4375-20UNJF-3B	1.62	1.36	.132	.312	.382	.607	.677	.55	.56
G	.375	.5625-18UNJF-3B	1.86	1.56	.256	.436	.506	.855	.925	.68	.69
H	.500	.7500-16UNJF-3B	2.18	1.85	.345	.537	.607	1.072	1.142	.86	.88
J	.625	.8750-14UNJF-3B	2.42	2.19	.430	.608	.678	1.246	1.316	.95	1.00
K	.750	1.0625-12UNJ-3B	2.77	2.67	.635	.644	.714	1.370	1.440	1.28	1.25
M	1.000	1.3125-12UNJ-3B	3.05	2.87	.835	.755	.825	1.673	1.743	1.47	1.50
N	1.250	1.6250-12UNJ-3B	3.68	3.39	1.085	.894	.964	2.015	2.085	1.70	1.81
P	1.500	1.8750-12UNJ-3B	3.95	3.65	1.310	1.016	1.086	2.335	2.405	2.00	2.12
R	2.000	2.5000-12UNJ-3B	5.38	4.96	1.780	1.300	1.370	3.040	3.110	2.56	2.75

TABLE 2 - ASSEMBLY LENGTH TOLERANCE

+.250/- .125 IN FOR LENGTHS UNDER 18 IN
 +.500/- .250 IN FOR LENGTHS FROM 18 TO 36 IN EXL.
 +1.000/- .500 IN FOR LENGTHS FROM 36 TO 50 IN EXL.
 +2%/-1% FOR LENGTHS 50 IN AND OVER



AEROSPACE STANDARD

HOSE ASSEMBLY, CONVOLUTED,
 POLYTETRAFLUOROETHYLENE, METALLIC REINFORCED
 CONDUCTIVE, FLARED, 45° TO 90°

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