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AS628™

FEDERAL SUPPLY CLASS
4720

RATIONALE

ADD "N" CODE THIN WALL INTEGRAL FIRESLEEVE (15 MINUTE).

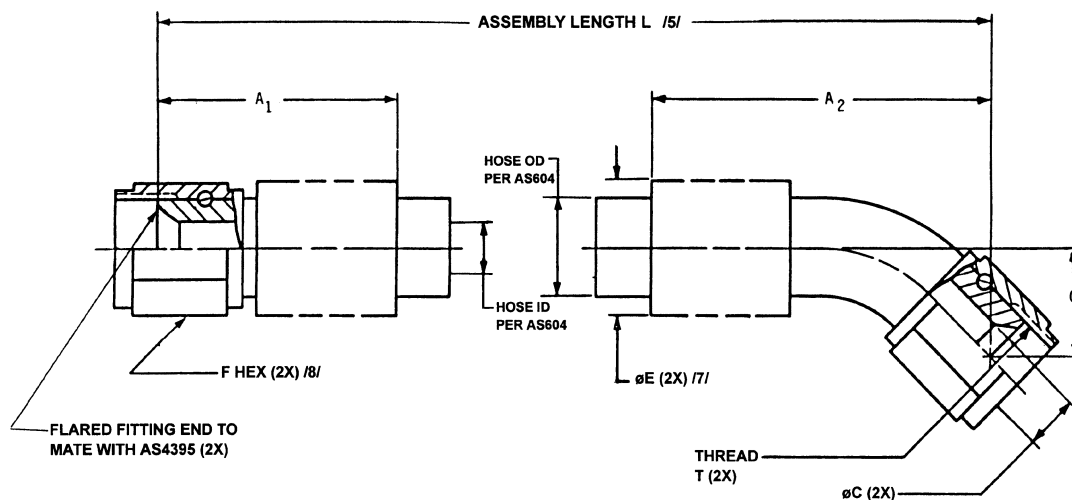


FIGURE 1 - HOSE AND FITTING DIMENSIONS

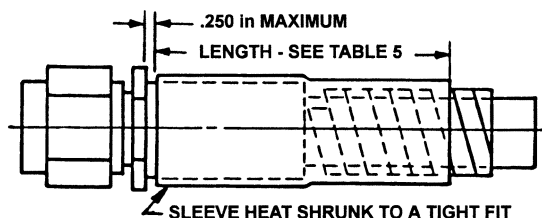


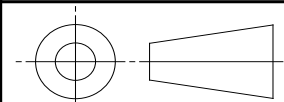
FIGURE 2 - TUBULAR/COIL ABRASION END /9/ /10/

TABLE 1 - ASSEMBLY DIMENSIONS

HOSE ASSEMBLY AS628 SIZE CODE	HOSE ASSEMBLY SIZE (REF)	THREAD T PER AS8879 (REF)	A ₁ MAX	A ₂ MAX	C /6/ MIN	E MAX WITHOUT SLEEVEING	F HEX (REF)
04	.250	.4375-20 UNJF-3B	1.51	1.90	.135	.88	.56
06	.375	.5625-18 UNJF-3B	1.80	2.25	.240	1.00	.69
08	.500	.7500-16 UNJF-3B	2.04	2.65	.340	1.20	.88
10	.625	.8750-14 UNJF-3B	2.31	3.19	.410	1.41	1.00
12	.750	1.0625-12 UNJ-3B	2.49	3.56	.510	1.69	1.25
16	1.00	1.3125-12 UNJ-3B	2.67	4.35	.760	2.00	1.50
20	1.25	1.6250-12 UNJ-3B	2.70	4.50	.925	2.13	2.00

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: AS604 /2/



AEROSPACE STANDARD

HOSE ASSEMBLY, 3000 PSI, PTFE, FLARED,
STRAIGHT TO 45°, HEAVYWEIGHT

AS628™
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TABLE 1 (CONTINUED)

HOSE ASSEMBLY AS628 SIZE CODE	HOSE ASSEMBLY SIZE (REF)	G MIN	G MAX	INSPECTION BALL SIZE /6/ STRAIGHT END FITTING DIA IN	INSPECTION BALL SIZE /6/ ELBOW END FITTING DIA IN
04	.250	.280	.450	.122	.115
06	.375	.370	.565	.216	.204
08	.500	.430	.645	.306	.289
10	.625	.510	.675	.369	.349
12	.750	.590	.720	.459	.434
16	1.000	.760	.820	.684	.646
20	1.250	1.120	1.180	.833	.786

TABLE 2 - HOSE OR SLEEVE OUTSIDE DIAMETER /13/

SLEEVE CODE	SLEEVE MATERIAL	TEMP LIMIT °F	HOSE SIZE .250	HOSE SIZE .375	HOSE SIZE .500	HOSE SIZE .625	HOSE SIZE .750	HOSE SIZE 1.00	HOSE SIZE 1.25
NONE	(-) INDICATES HOSE ONLY, NO SLEEVE	400	.455 .395	.595 .535	.735 .675	.935 .875	1.090 1.030	1.410 1.350	1.650 1.590
A	ABRASION SLEEVE TUBULAR (TFE-AS1291-CODE B) /9/	400	.540 .468	.715 .635	.855 .770	1.025 .960	1.195 1.125	1.515 1.445	1.825 1.755
B	ABRASION SLEEVE COIL (NYLON AS1294) /10/	275	.509 .413	.684 .584	.809 .733	1.005 .923	1.170 1.088	1.492 1.408	1.750 1.690
C	FIRE SLEEVE (AS1072 SIL-FG) (15 MINUTES) /11/ /12/ /17/	400	.688 .562	.875 .750	1.000 .875	1.250 1.125	1.375 1.250	1.750 1.625	2.000 1.875
E	ABRASION SLEEVE SHRINK-ON (FEP) /15/	350	.458 .417	.638 .592	.773 .727	.973 .927	1.148 1.102	1.438 1.392	1.688 1.632
F	ABRASION SLEEVE SHRINK-ON (POLYOLEFIN AS1073 - CODE B) /15/	275	.490 .443	.670 .610	.795 .745	.997 .937	1.174 1.112	1.482 1.428	1.740 1.680
G	FIRE SLEEVE (AS1072 SIL-FG) (5 MINUTES) /11/ /12/ /16/	400	.688 .562	.875 .750	1.000 .875	1.250 1.125	1.375 1.250	1.750 1.625	2.000 1.875
H	FIRE SLEEVE INTEGRAL SILICONE (15 MINUTES) /17/	400	.700 .640	.880 .820	1.000 .940	1.203 1.143	1.343 1.283	1.656 1.596	1.906 1.846
J	FIRE SLEEVE INTEGRAL SILICONE (5 MINUTES) /16/	400	.705 .645	.880 .820	1.005 .945	1.217 1.143	1.382 1.280	1.748 1.593	1.906 1.846
K	INTEGRAL ABRASION SLEEVE (BRAIDED) POLYESTER /14/	300	.505 .480	.675 .645	.795 .765	.985 .955	1.150 1.120	1.470 1.440	1.720 1.680
L	ABRASION SLEEVE COIL (PTFE-AS1293) /10/	400	.522 .449	.692 .622	.817 .747	1.007 .937	1.172 1.102	1.492 1.422	1.750 1.690
N	THIN WALL FIRE SLEEVE INTEGRAL SILICONE (15 MINUTES) /17/	400	.650 .590	.790 .730	.930 .870	1.130 1.070	1.295 1.235	1.630 1.570	1.860 1.800



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HOSE ASSEMBLY, 3000 PSI, PTFE, FLARED,
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