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REV.
B

AS4355™

FEDERAL SUPPLY CLASS
4720

RATIONALE

ADD CONFIGURATION FOR A NEW "N" CODE THIN WALL INTEGRAL FIRESLEEVE (15 MINUTE); TABLE 2 DIMENSIONS CHANGED TO ALIGN WITH AS604 AND AS627-632 STANDARDS; GENERAL NOTE 2 CHANGED TO CURRENT PRI STANDARD; REPLACED MIL STANDARDS WITH CURRENT AS STANDARDS THROUGHOUT; CORRECTED PART NUMBER EXAMPLE IN GENERAL NOTE 9.

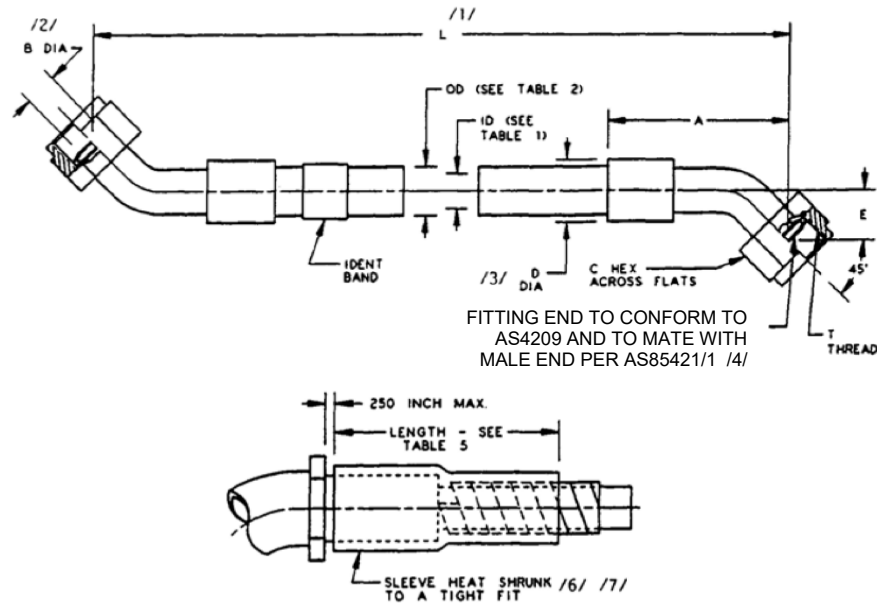


FIGURE 2

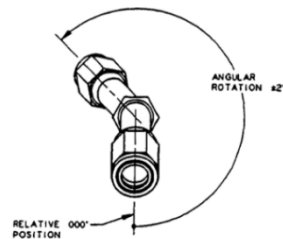
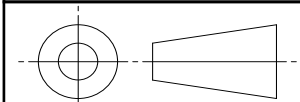


FIGURE 3

For more information on this standard, visit
<https://www.sae.org/standards/content/AS4355B/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: AS604



AEROSPACE STANDARD

HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE,
CRES REINFORCED, 400 °F, 3000 PSI, HEAVYWEIGHT,
BEAM SEAL, 45 TO 45°

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SHEET 1 OF 5

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TABLE 1

HOSE ASSEMBLY AS4355 SIZE CODE	SIZE REF	THREAD T PER AS8879 REF	ID MIN	A MAX	B BALL SIZE MIN THRU DIA /2/ DIA IN	C HEX REF	D /3/ DIA MAX WITHOUT SLEEVING	E MIN	E MAX
E	.250	.4375-24 UNJS-3B	.212	2.31	.109	.56	.88	.450	.550
G	.375	.5625-20 UNJS-3B	.298	2.59	.188	.69	1.00	.517	.600
H	.500	.7188-20 UNJS-3B	.391	2.92	.313	.88	1.20	.513	.675
J	.625	.8438-18 UNJS-3B	.485	3.36	.375	1.00	1.41	.620	.765
K	.750	1.0000-16 UNJ-3B	.602	3.67	.469	1.125	1.69	.760	.874
M	1.000	1.2500-14 UNJS-3B	.852	4.47	.719	1.50	2.00	.890	1.283
N /15/	1.250	1.5781-14UNJS-3B	1.101	4.29	.875	1.875	2.10	.881	.951

TABLE 2

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	.465 .405	.595 .535	.735 .675	.935 .875	1.090 1.030	1.410 1.350	1.650 1.560
A	ABRASION SLEEVE TUBULAR (TFE-AS1291-CODE B) /6/	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) /7/	275	.509 .413	.684 .584	.809 .733	1.005 .923	1.170 1.088	1.492 1.408	1.750 1.690
C	FIRESLEEVE (AS1072 SIL-FG) (15 MINUTES) /8/ /9/ /13/	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) /11/	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) /11/	275	.490 .440	.670 .610	.795 .745	.997 .937	1.174 1.112	1.482 1.428	1.740 1.680
G	FIRESLEEVE (AS1072 SIL-FG) (5 MINUTES) /8/ /9/ /12/	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	FIRESLEEVE INTEGRAL SILICONE (15 MINUTES) /13/ /14/	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	FIRESLEEVE INTEGRAL SILICONE (5 MINUTES) /12/ /14/	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 /10/	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) /7/	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 FIRESLEEVE INTEGRAL SILICONE (15 MINUTES) /13/ /14/	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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