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**REV. A**  
**AS1298™**

FEDERAL SUPPLY CLASS

**RATIONALE**

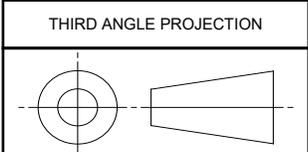
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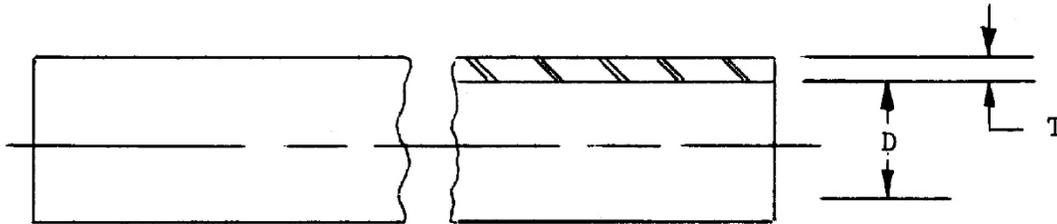
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CUSTODIAN: G-3		PROCUREMENT SPECIFICATION:	
	<b>AEROSPACE STANDARD</b>		<b>AS1298™</b>
	SLEEVE, HEAVY WALL, HOSE ASSEMBLY, CHAFE GUARD, TFE		

ISSUED 1973-05 REAFFIRMED 2013-01 STABILIZED 2023-12



Size	D Inside Diameter						T Wall Thickness						Weight	
	Nominal		Maximum		Minimum		Nominal		Maximum		Minimum		lbs/ft	kgs/m
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
-1	.320	8.13	.330	8.38	.310	7.87	.035	.89	.045	1.14	.025	.64	.041	.061
-2	.375	9.53	.385	9.78	.365	9.27	.035	.89	.045	1.14	.025	.64	.044	.065
-3	.450	11.43	.460	11.68	.440	11.18	.035	.89	.045	1.14	.025	.64	.048	.071
-4	.540	13.72	.550	13.97	.530	13.46	.040	1.02	.050	1.27	.030	.76	.067	.099
-5	.635	16.13	.645	16.38	.625	15.87	.040	1.02	.050	1.27	.030	.76	.083	.123
-6	.730	18.54	.740	18.80	.720	18.29	.040	1.02	.050	1.27	.030	.76	.093	.138
-7	.865	21.97	.875	22.23	.855	21.72	.045	1.14	.055	1.40	.035	.89	.118	.175
-8	1.090	27.69	1.100	27.94	1.080	27.43	.050	1.27	.060	1.52	.040	1.02	.150	.223
-9	1.130	28.70	1.140	28.96	1.120	28.45	.050	1.27	.060	1.52	.040	1.02	.153	.227
-10	1.195	30.35	1.205	30.61	1.185	30.10	.050	1.27	.060	1.52	.040	1.02	.168	.249
-11	1.375	34.93	1.385	35.18	1.365	34.67	.055	1.40	.065	1.65	.045	1.14	.232	.345
-12	1.440	36.58	1.450	36.83	1.430	36.32	.055	1.40	.065	1.65	.045	1.14	.242	.360
-13	1.770	44.96	1.780	45.21	1.760	44.70	.060	1.52	.070	1.78	.050	1.27	.370	.550
-14	2.065	52.45	2.075	52.71	2.055	52.20	.060	1.52	.070	1.78	.050	1.27	.390	.580

NOTES:

1. USAGE: USED AS AN OUTER PROTECTIVE COVER ON HOSE AND/OR HOSE ASSEMBLIES TO INHIBIT THE DETRIMENTAL EFFECTS OF ABRASION AND OTHER ENVIRONMENTAL CONDITIONS, THEREBY INCREASING SERVICE LIFE.
2. MATERIAL: BLACK, EXTRUDED, SEAMLESS POLYTETRAFLUOROETHYLENE (TFE) TUBING.
3. RESISTANCE: SLEEVE SHALL HAVE EXCELLENT ABRASION RESISTANCE AND SHALL BE UNAFFECTED BY MOISTURE, OZONE, OXIDATION, HYDRAULIC FLUIDS, FUELS, SOLVENTS, AND MOST OTHER CHEMICALS AND FLUIDS USED IN AIRCRAFT APPLICATIONS.
4. PHYSICAL PROPERTIES: HIGH TENSILE STRENGTH AND AN ABILITY TO RETAIN USEFUL FLEXIBILITY, MECHANICAL STRENGTH, AND ELONGATION OVER A LARGE TEMPERATURE RANGE SHALL CHARACTERIZE THIS SLEEVE.