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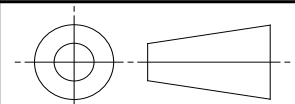
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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION:



AEROSPACE STANDARD

HOSE, POLYTETRAFLUOROETHYLENE (TFE), HIGH
TEMPERATURE AND MEDIUM PRESSURE (1500 PSIG)
WITH INTEGRAL SILICONE COMPOSITE FIRE PROTECTION

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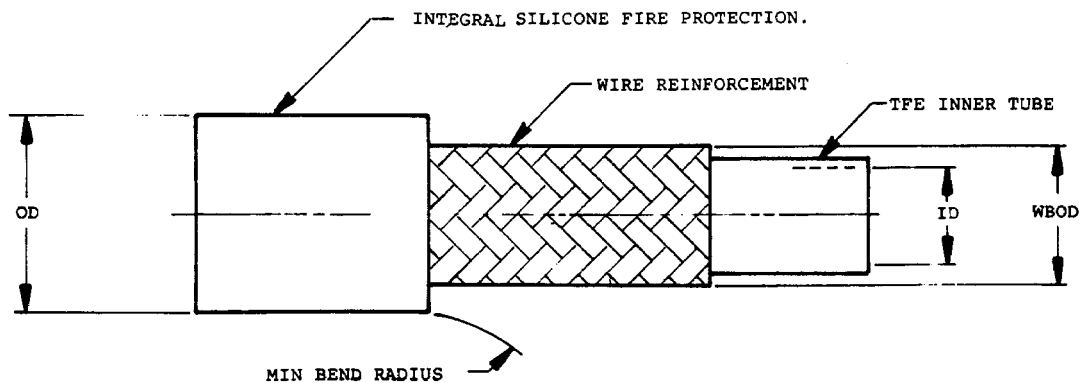


TABLE I A - DIMENSIONS AND WEIGHT

HOSE SIZE (REF)	ID INSIDE DIA TUBE-INCH		WBOD OUTSIDE DIA BRAIDED-INCH		OD OUTSIDE DIA COVER-INCH		HOSE WEIGHT LBS/IN
	MIN	MAX	MIN	MAX	MIN	MAX	
-4	.173	.203	.304	.343	.600	.650	.018
-5	.235	.265	.367	.406	.660	.710	.020
-6	.298	.328	.430	.469	.720	.770	.023
-8	.391	.421	.546	.585	.850	.900	.030
-10	.485	.515	.641	.687	.945	1.005	.037
-12	.615	.645	.766	.812	1.075	1.135	.045
-16	.851	.906	1.078	1.140	1.395	1.455	.085
-20	1.101	1.156	1.328	1.390	1.650	1.710	.107
-24	1.344	1.406	1.637	1.707	1.965	2.025	.132

TABLE I B - DIMENSIONS AND WEIGHT (SI)

HOSE SIZE (REF)	ID INSIDE DIA TUBE-mm		WBOD OUTSIDE DIA BRAIDED-mm		OD OUTSIDE DIA COVER-mm		HOSE WEIGHT Kg/M
	MIN	MAX	MIN	MAX	MIN	MAX	
-4	4.39	5.16	7.72	8.71	15.24	16.51	.321
-5	5.97	6.73	9.32	10.31	16.76	18.03	.357
-6	7.57	8.33	10.92	11.91	18.29	19.56	.411
-8	9.93	10.69	13.87	14.86	21.59	22.86	.536
-10	12.32	13.08	16.28	17.45	24.00	25.53	.661
-12	15.62	16.38	19.46	20.62	27.31	28.83	.803
-16	21.62	23.01	27.38	28.96	35.43	36.96	1.518
-20	27.97	29.36	33.73	35.31	41.91	43.43	1.910
-24	34.14	35.71	41.58	43.36	49.91	51.44	2.357

TABLE II A - PERFORMANCE REQUIREMENTS (REF)

HOSE SIZE (REF)	OPERATING PRESSURE PSIG-MAX	PROOF PRESSURE PSIG-MIN	BURST PRESSURE-MIN		MIN BEND RAD INCH
			ROOM TEMP PSIG	400°F (204°C) PSIG	
-4	1500	3000	12000	7000	2.00
-5	1500	3000	10000	6500	2.00
-6	1500	3000	9000	6500	4.00
-8	1500	3000	8000	6000	4.62
-10	1500	3000	7000	5500	5.50
-12	1000	2000	5000	3500	6.50
-16	1250	2500	5000	3500	7.38
-20	1000	2000	4000	3000	11.00
-24	1000	2000	4000	3000	14.00

TABLE II B - PERFORMANCE REQUIREMENTS (SI) (REF)

HOSE SIZE (REF)	OPERATING PRESSURE kPa MAX	PROOF PRESSURE kPa MIN	BURST PRESSURE-MIN		MIN BEND RAD mm
			ROOM TEMP kPa	(204°C) 400°F kPa	
-4	10342	20684	82737	48263	50.8
-5	10342	20684	68948	44816	50.8
-6	10342	20684	62053	44816	101.6
-8	10342	20684	55158	41369	117.3
-10	10342	20684	48263	37921	139.7
-12	6895	13790	34474	24132	165.1
-16	8618	17237	34474	24132	187.5
-20	6895	13790	27579	20684	279.4
-24	6895	13790	27579	20684	355.6

TABLE III A - PERCENT OF SHIPMENT IN LENGTH RANGE SHOWN /4/

HOSE SIZE (REF)	3 TO 14FT. INCLUSIVE	OVER 14 FEET
-4 THRU -8	35%	65%
-10 THRU -16	45%	55%
-20 THRU -24	60%	40%

TABLE III B - PERCENT OF SHIPMENT IN LENGTH RANGE SHOWN (SI) /4/

HOSE SIZE (REF)	.91 TO 4.27 METERS INCLUSIVE	OVER 4.27 METERS
-4 THRU -8	35%	65%
-10 THRU -16	45%	55%
-20 THRU -24	60%	40%