

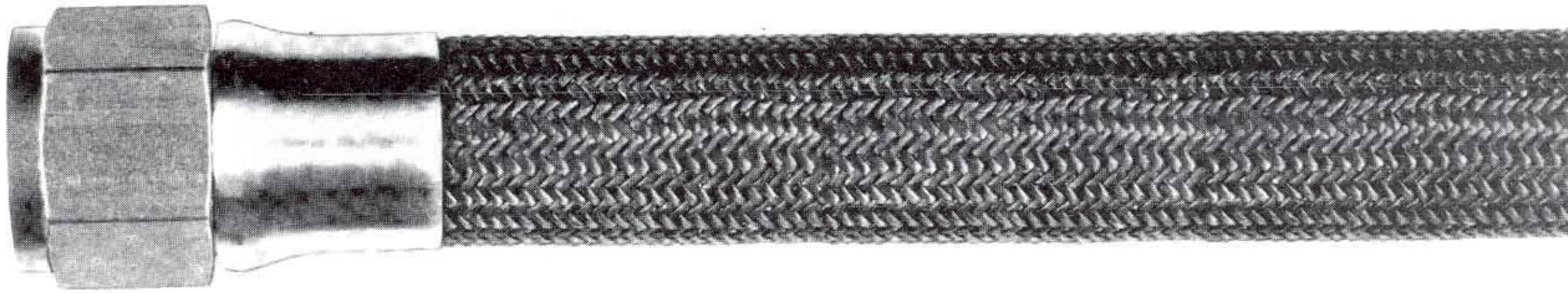
SPECIFICATIONS

Meets requirements of AS 1227 Class 2, Type I (510 Series).
Type II (520 Series)

Complies with FDA requirements for use on aircraft potable and associated water systems.
Meets FAA cabin material requirements.

TECHNICAL INFORMATION

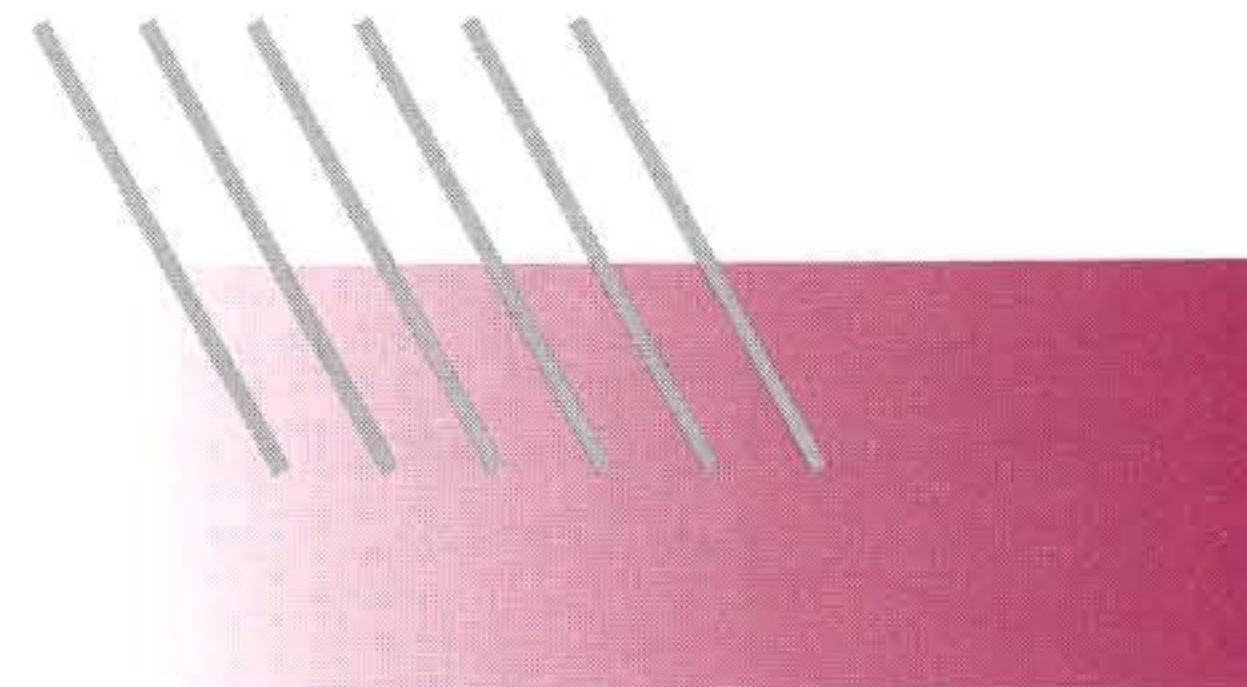
Titeflex has developed a library of technical information that may be of use in your specific application
For specific technical data contact Titeflex Customer Engineering Group.



HOSE DIMENSIONS AND PERFORMANCE DATA

HOSE SIZE	-4	-6	-8	-10	-12	-16	
R270 O.D.(MAX)	.465	.570	.770	.860	1.090	1.310	
HOSE I. D. (NOM)	.280	.362	.518	.605	.770	.985	
MIN INSIDE BEND RAD	.50	.75	1.00	1.50	2.00	3.00	
MIN CENTERLINE RAD#	.73	1.03	1.38	1.92	2.54	3.65	
VACUUM DATA (MAX INCH Hg)	28	28	28	28	28	28	
510 SERIES	OPERATING PRESSURE PSI (kPa)	300 (2 070)	300 (2 070)	250 (1 730)	250 (1 730)	200 (1 380)	200 (1 380)
	PROOF PRESSURE PSI (kPa)	600 (4 140)	600 (4 140)	500 (3 450)	500 (3 450)	400 (2 760)	400 (2 760)
	R. T. BURST PRESSURE* PSI (kPa)	1200 (8 270)	1200 (8 270)	1000 (6 900)	1000 (6 900)	700 800 (4 830) ⁵⁵²⁰ (4 830)	800 (4 830) ⁵⁵²⁰ (4 830)
	H. T. BURST PRESSURE* PSI (kPa)	900 (6 200)	900 (6 200)	750 (5 170)	750 (5 170)	600 (4 140)	600 (4 140)
	R270 HOSE WEIGHT LB/IN (KGS/M)	0.004 (.071)	0.005 (.089)	0.010 (.179)	0.011 (.197)	0.015 (.268)	0.020 (.357)

* Per AS1227 - actual values exceed specification requirements.
Reference - for design purposes only.



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