

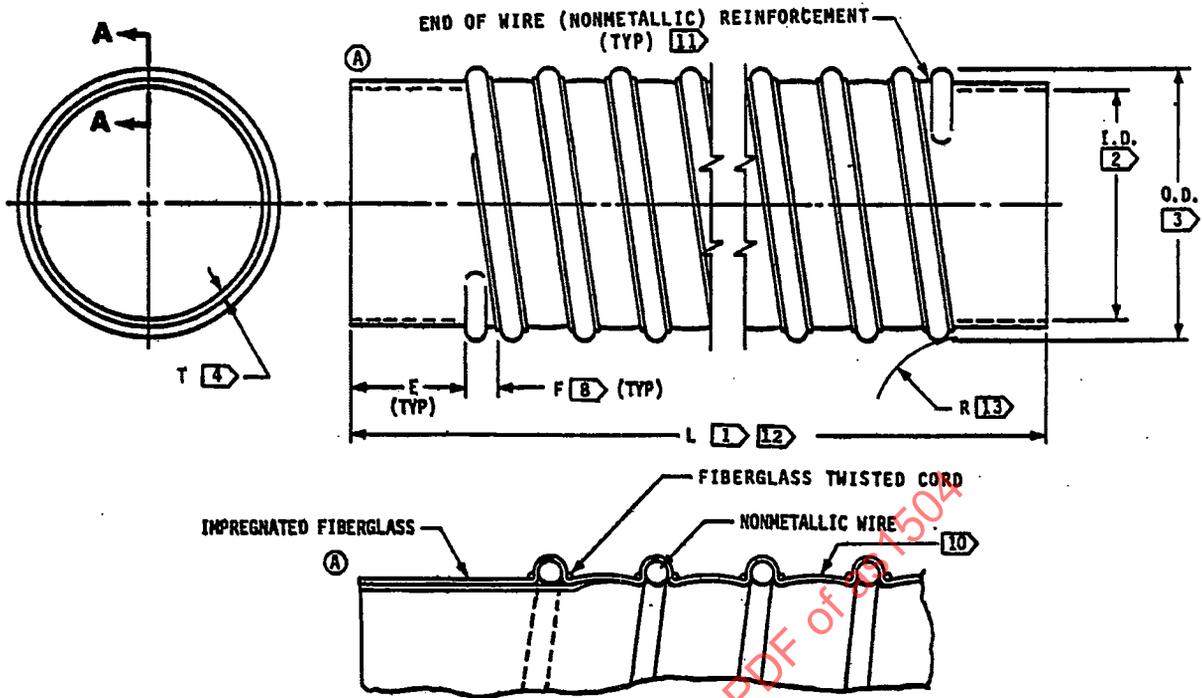
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AS1504

RATIONALE

FED. SUP. CL. 4720

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.



SECTION A-A

TABLE I
TABULATION OF OPERATING PRESSURE AND PART NUMBER GRADES

GRADE	TYPE (OPERATING TEMPERATURE)	OPERATING PRESSURE RATING (PSI) (0.5 PSI NEGATIVE TO POSITIVE PRESSURE LISTED BELOW)					
		HOSE INSIDE DIAMETER (INCHES)					
		1	2	3	4	5	6
A	1	13	7	5	4	3	2
B	7, 9						

TABLE II
TABULATION OF HOSE LENGTH SPECIFICATIONS

I.D. HOSE INSIDE DIAMETER - INCH	L- HOSE LENGTH (INCHES)		E SOFT END LENGTH (INCHES) : +0.12	F WIRE TERMINATION LENGTH (MAX.) (INCHES)
	MINIMUM	MAXIMUM		
0.75 TO 1.75	5.00	240.00	1.25	0.50
2.00 TO 5.00	6.00	240.00	1.25	0.75

TABLE III
TABULATION OF AVAILABLE HOSE LENGTH INCREMENTS AND TOLERANCES

L- HOSE LENGTH (INCHES)	AVAILABLE LENGTH INCREMENT (INCH)	L- LENGTH TOLERANCES (INCH)
5.00 TO 36.00	0.25	0.12 OR 1% IF GREATER
36.50 TO 60.00	0.50	+1%
61.00 TO 144.00	1.00	+1%
145.00 TO 240.00	1.00	+1.5% -1.0%

SHEET	1	2
REV.	A	A

CUSTODIAN: SAE G-3/G-3D

PROCUREMENT SPECIFICATION: AS 1501

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD
HOSE, AIR DUCT, FLEXIBLE, HELICAL,
NONMETALLIC WIRE, SUPPORTED (EXPOSED),
SELF EXTINGUISHING

AS1504

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