

RATIONALE

FEDERAL SUPPLY CLASS
4720

AS1544A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

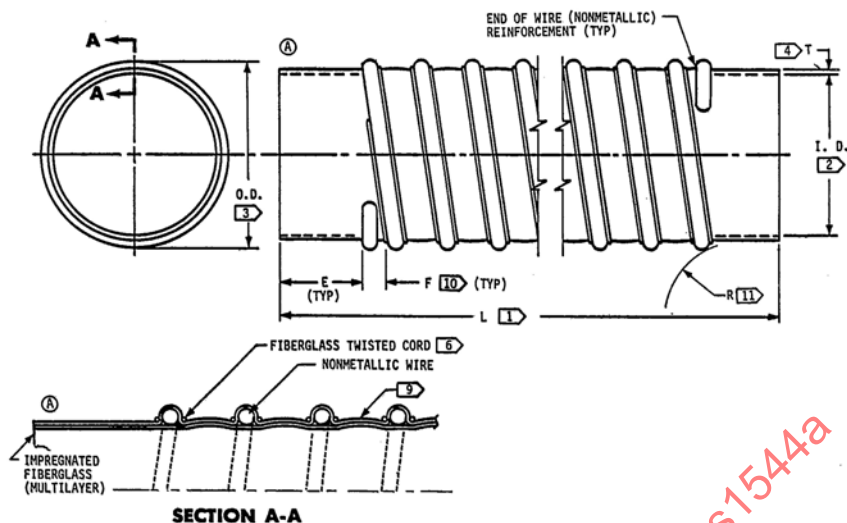


TABLE I
TABULATION OF OPERATING PRESSURE AND PART NUMBER GRADE

GRADE 7	TYPE (OPERATING TEMPERATURE) 8	OPERATING PRESSURE RATING (PSI) (1 PSI NEGATIVE TO POSITIVE PRESSURE LISTED BELOW 5)					
		HOSE INSIDE DIAMETER (INCHES)					
		1	2	3	4	5	6
A	I	9	5	4	3	2	1

TABLE II
TABULATION OF HOSE LENGTH SPECIFICATIONS

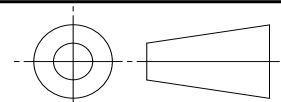
I.D. HOSE INSIDE DIAMETER - INCH	L - HOSE LENGTH (INCHES)		E SOFT END LENGTH (INCHES) ±0.12	F WIRE TERMINATION LENGTH (MAX) (INCH)
	MINIMUM	MAXIMUM		
0.75 TO 2.75	5.00	144.00	1.25	0.50
3.00 TO 6.00	6.00	144.00	1.25	0.75

TABLE III
TABULATION OF AVAILABLE HOSE LENGTH INCREMENTS AND TOLERANCES

L - HOSE LENGTH (INCHES)	AVAILABLE LENGTH INCREMENT (INCH)	L - LENGTH TOLERANCE (INCH)
5.00 TO 36.00	0.25	±0.12 OR 1%
36.50 TO 60.00	0.50	1%
61.00 TO 144.00	1.00	1%

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS1544A>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: AS1501

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

HOSE, AIR DUCT, FLEXIBLE, HELICAL, NONMETELLIC
WIRE SUPPORTED (COVERED), SILICONE RUBBER,
SELF EXTINGUISHING

SAE AS1544
SHEET 1 OF 2

REV. A