

RATIONALE

FEDERAL SUPPLY CLASS
4720

AS1541A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

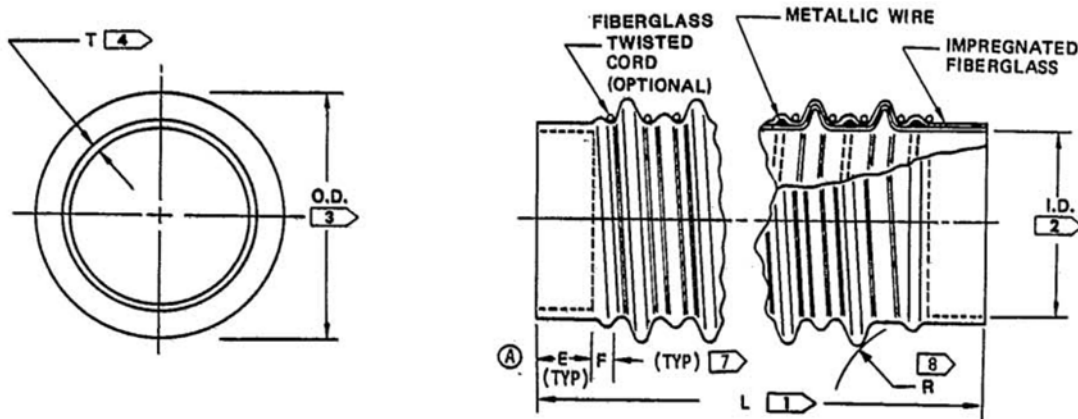


TABLE I

①

TABULATION OF OPERATING PRESSURE AND PART NUMBER GRADE		OPERATING PRESSURE RATING (PSI) (3 PSI NEGATIVE TO POSITIVE PRESSURE LISTED BELOW) ⑤					
GRADE	TYPE (OPERATING TEMPERATURE)	HOSE INSIDE DIAMETER (INCHES)					
		1	2	3	4	5	6
A ⑥	I	50	35	20	15	10	5
B ⑥	II						

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		
0.50 TO 3.00	5.00	120.00	1.50	0.50
3.25 TO 6.00	6.00	120.00	1.50	0.75

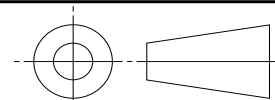
TABLE III

TABULATION OF AVAILABLE HOSE LENGTH INCREMENTS AND TOLERANCES

L- HOSE LENGTH (INCHES)	AVAILABLE LENGTH INCREMENT (INCH)	L- LENGTH TOLERANCE
5.00 TO 48.00	1.00	+1.00 -0.00
48.00 TO 120.00	1.00	+1.50 -0.00

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS1541A>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: AS1501

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

HOSE, AIR DUCT, FLEXIBLE, HELICAL CONVOLUTED,
METALLIC WIRE SUPPORTED (COVERED),
SELF EXTINGUISHING

SAE AS1541
SHEET 1 OF 2

REV. A