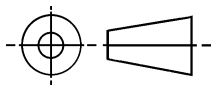


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|                                                            |                                                                                                                                                                                                                            |                                                                                                                     |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| REV.<br>A                                                  | FEDERAL SUPPLY CLASS                                                                                                                                                                                                       |                                                                                                                     |
|                                                            | <p align="center">CANCELLATION NOTICE</p> <p>THIS DOCUMENT HAS BEEN DECLARED "CANCELLED" AS OF MARCH 2003. BY THIS ACTION, THIS DOCUMENT WILL REMAIN LISTED IN THE NUMERICAL SECTION OF THE AEROSPACE STANDARDS INDEX.</p> |                                                                                                                     |
| AS1722                                                     | <p align="center">SAENORM.COM : Click to view the full PDF of as1722a</p>                                                                                                                                                  |                                                                                                                     |
| <p>CUSTODIAN: SAE G-3/G-3D</p>                             |                                                                                                                                                                                                                            | <p>THIRD ANGLE PROJECTION</p>  |
| <p><b>SAE Aerospace</b><br/>An SAE International Group</p> | <p align="center"><b>AEROSPACE STANDARD</b></p> <p align="center">HOSE, POLYTETRAFLUOROETHYLENE (TFE), LIGHT-WEIGHT HIGH TEMPERATURE AND HIGH PRESSURE (3000 PSIG) WITH INTEGRAL FIRE PROTECTION</p>                       | <p align="center"><b>AS1722</b><br/>SHEET 1 OF 4</p>                                                                |
|                                                            |                                                                                                                                                                                                                            | <p align="center"><b>REV.<br/>A</b></p>                                                                             |

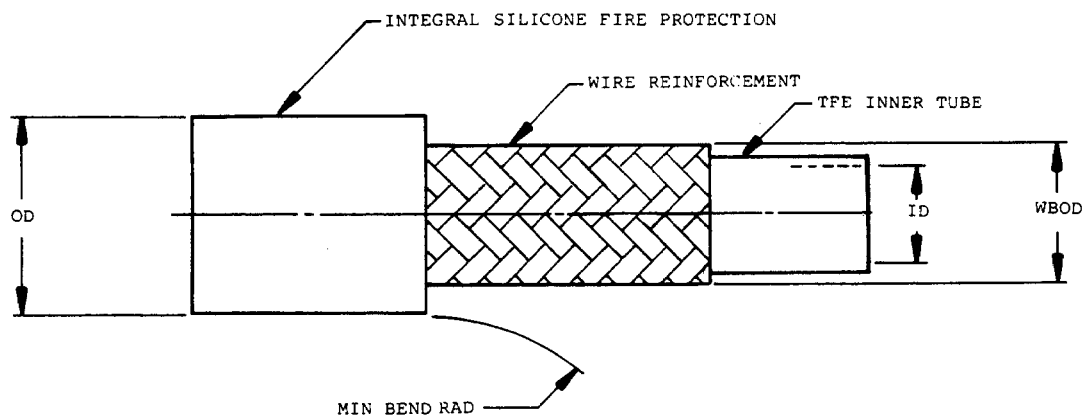


TABLE I A - DIMENSIONS AND WEIGHT

| HOSE<br>SIZE<br>(REF) | ID<br>INSIDE DIA<br>TUBE-INCH |      | WBOD<br>OUTSIDE DIA<br>BRAIDED -INCH |       | OD<br>OUTSIDE DIA<br>COVER-INCH |       | HOSE<br>WEIGHT<br>LBS/IN |
|-----------------------|-------------------------------|------|--------------------------------------|-------|---------------------------------|-------|--------------------------|
|                       | MIN                           | MAX  | MIN                                  | MAX   | MIN                             | MAX   |                          |
| -4                    | .212                          | .232 | .360                                 | .390  | .600                            | .660  | .019                     |
| -6                    | .298                          | .318 | .455                                 | .490  | .685                            | .745  | .027                     |
| -8                    | .391                          | .411 | .585                                 | .615  | .835                            | .895  | .035                     |
| -10                   | .485                          | .505 | .690                                 | .730  | .945                            | 1.005 | .047                     |
| -12                   | .602                          | .632 | .950                                 | .990  | 1.160                           | 1.220 | .079                     |
| -16                   | .852                          | .882 | 1.230                                | 1.270 | 1.455                           | 1.515 | .117                     |

TABLE I B - DIMENSIONS AND WEIGHT (SI)

| HOSE<br>SIZE<br>(REF) | ID<br>INSIDE DIA<br>TUBE-mm |       | WBOD<br>OUTSIDE DIA<br>BRAIDED-mm |       | OD<br>OUTSIDE DIA<br>COVER-mm |       | HOSE<br>WEIGHT<br>kg/M |
|-----------------------|-----------------------------|-------|-----------------------------------|-------|-------------------------------|-------|------------------------|
|                       | MIN                         | MAX   | MIN                               | MAX   | MIN                           | MAX   |                        |
| -4                    | 5.38                        | 5.89  | 9.14                              | 9.91  | 15.24                         | 16.76 | .339                   |
| -6                    | 7.57                        | 8.08  | 11.56                             | 12.45 | 17.40                         | 18.92 | .482                   |
| -8                    | 9.93                        | 10.44 | 14.86                             | 15.62 | 21.21                         | 22.73 | .625                   |
| -10                   | 12.32                       | 12.83 | 17.53                             | 18.54 | 24.00                         | 25.53 | .839                   |
| -12                   | 15.29                       | 16.05 | 24.13                             | 25.15 | 29.46                         | 30.99 | 1.411                  |
| -16                   | 21.64                       | 22.40 | 31.24                             | 32.26 | 36.96                         | 38.48 | 2.090                  |

TABLE II A - PERFORMANCE REQUIREMENTS (REF)

| HOSE<br>SIZE<br>(REF) | OPERATING<br>PRESSURE<br>PSIG-MAX | PROOF<br>PRESSURE<br>PSIG-MIN. | BURST PRESSURE -MIN  |                          | MIN<br>BEND<br>RAD<br>INCH |
|-----------------------|-----------------------------------|--------------------------------|----------------------|--------------------------|----------------------------|
|                       |                                   |                                | ROOM<br>TEMP<br>PSIG | 400°F<br>(204°C)<br>PSIG |                            |
| -4                    | 3000                              | 6000                           | 16000                | 12000                    | 1.50                       |
| -6                    | 3000                              | 6000                           | 14000                | 10500                    | 2.50                       |
| -8                    | 3000                              | 6000                           | 14000                | 10500                    | 2.88                       |
| -10                   | 3000                              | 6000                           | 12000                | 9000                     | 3.25                       |
| -12                   | 3000                              | 6000                           | 12000                | 9000                     | 4.00                       |
| -16                   | 3000                              | 6000                           | 12000                | 9000                     | 5.00                       |

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

| HOSE<br>SIZE<br>(REF) | OPERATING<br>PRESSURE<br>kPa -MAX. | PROOF<br>PRESSURE<br>kPa -MIN. | BURST PRESSURE -MIN |                         | MIN<br>BEND<br>RAD<br>mm |
|-----------------------|------------------------------------|--------------------------------|---------------------|-------------------------|--------------------------|
|                       |                                    |                                | ROOM<br>TEMP<br>kPa | (204°C)<br>400°F<br>kPa |                          |
| -4                    | 20684                              | 41369                          | 110316              | 82737                   | 38.1                     |
| -6                    | 20684                              | 41369                          | 96527               | 72395                   | 63.5                     |
| -8                    | 20684                              | 41369                          | 96527               | 72395                   | 73.2                     |
| -10                   | 20684                              | 41369                          | 82737               | 62053                   | 82.6                     |
| -12                   | 20684                              | 41369                          | 82737               | 62053                   | 101.6                    |
| -16                   | 20684                              | 41369                          | 82737               | 62053                   | 127.0                    |

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

| HOSE<br>SIZE<br>(REF) | 3 TO 14 FT<br>INCLUSIVE | OVER 14<br>FEET |
|-----------------------|-------------------------|-----------------|
| -4 THRU -8            | 35%                     | 65%             |
| -10 THRU -16          | 45%                     | 55%             |

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

| HOSE<br>SIZE<br>(REF) | .91 TO 4.27<br>METERS<br>INCLUSIVE | OVER<br>4.27<br>METERS |
|-----------------------|------------------------------------|------------------------|
| -4 THRU -8            | 35%                                | 65%                    |
| -10 THRU -16          | 45%                                | 55%                    |