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AS5965™

## RATIONALE

FEDERAL SUPPLY CLASS  
4720

CORRECT TABLE 1 HEADINGS TO MATCH FIGURE 1 DIMENSIONS.

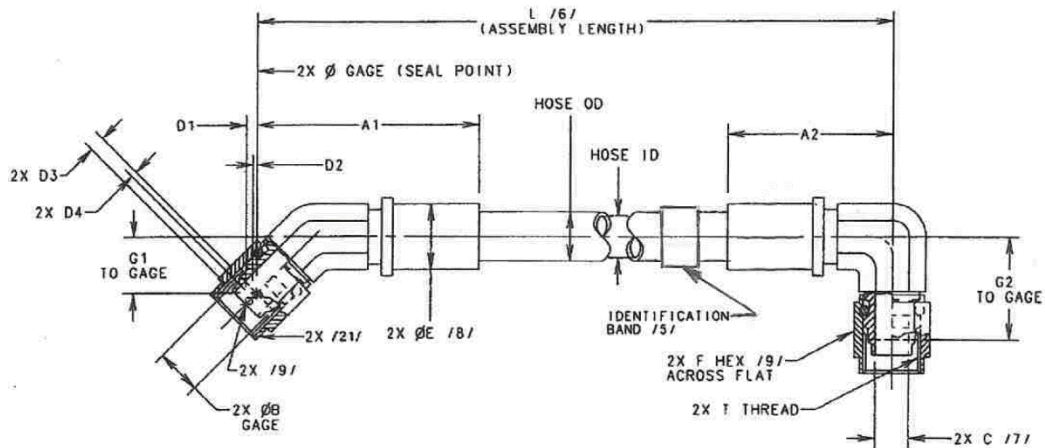


FIGURE 1 - HOSE ASSEMBLY DIMENSIONS – SEE TABLE 1

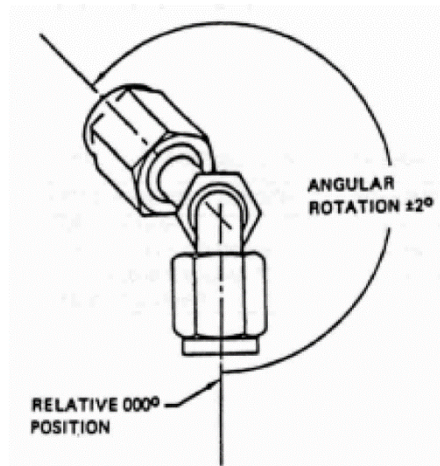
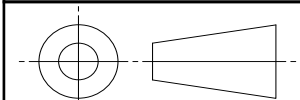


FIGURE 2 - FITTING ORIENTATION /17/

For more information on this standard, visit  
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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: AS5960 /2/



### AEROSPACE STANDARD

HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE  
CRES BRAID REINFORCED, 400 °F, 5080 PSI  
FLARELESS, 45° ELBOW TO 90° ELBOW

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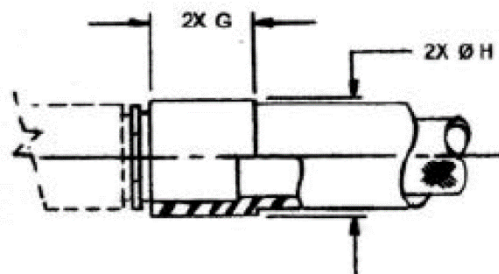


FIGURE 3 - INTEGRAL FIRESLEEVE CUFF – SEE TABLE 5 /13/

TABLE 1 - HOSE ASSEMBLY DIMENSIONS (INCHES)

| HOSE<br>ASSEMBLY<br>AS5965<br>SIZE CODE | SIZE  | THREAD T<br>PER AS8879 | A1<br>MAX | A2<br>MAX | Ø B<br>GAGE<br>BASIC | Ø C<br>/7/<br>MIN | (D1)<br>/9/ | (D2)<br>/9/ | (D3)<br>/9/ | (D4)<br>/9/ |
|-----------------------------------------|-------|------------------------|-----------|-----------|----------------------|-------------------|-------------|-------------|-------------|-------------|
| E                                       | .250  | .4375-28 UNJEF-3B      | 3.05      | 2.78      | .2930                | .113              | .11         | .039        | .16         | .055        |
| G                                       | .375  | .5625-24 UNJEF-3B      | 3.16      | 3.05      | .4120                | .192              | .11         | .039        | .16         | .055        |
| H                                       | .500  | .7500-20 UNJEF-3B      | 3.73      | 3.39      | .5600                | .281              | .13         | .047        | .19         | .066        |
| J                                       | .625  | .8750-20 UNJEF-3B      | 4.06      | 3.69      | .6730                | .349              | .14         | .047        | .20         | .066        |
| K                                       | .750  | 1.0625-18 UNJEF-3B     | 4.49      | 4.05      | .8100                | .434              | .16         | .047        | .23         | .066        |
| M                                       | 1.000 | 1.3125-16 UNJ-3B       | 5.39      | 4.92      | 1.0620               | .638              | .21         | .047        | .30         | .066        |
| N                                       | 1.250 | 1.6250-16 UNJ-3B       | 6.83      | 5.31      | 1.3160               | .786              | .21         | --          | .30         | --          |

TABLE 1 - HOSE ASSEMBLY DIMENSIONS (INCHES) (CONTINUED)

| HOSE<br>ASSEMBLY<br>AS5965<br>SIZE CODE | SIZE  | Ø E<br>MAX /8/ | (F)<br>HEX | G1<br>MIN | G1<br>MAX | G2<br>MIN | G2<br>MAX |
|-----------------------------------------|-------|----------------|------------|-----------|-----------|-----------|-----------|
| E                                       | .250  | .88            | .56        | .328      | .458      | .74       | .87       |
| G                                       | .375  | 1.00           | .69        | .368      | .498      | .81       | .94       |
| H                                       | .500  | 1.20           | .88        | .487      | .617      | .99       | 1.12      |
| J                                       | .625  | 1.41           | 1.00       | .500      | .630      | 1.14      | 1.34      |
| K                                       | .750  | 1.69           | 1.25       | .586      | .786      | 1.35      | 1.55      |
| M                                       | 1.000 | 2.00           | 1.50       | .631      | .831      | 1.57      | 1.77      |
| N                                       | 1.250 | 2.25           | 1.81       | .750      | .950      | 1.74      | 1.94      |



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