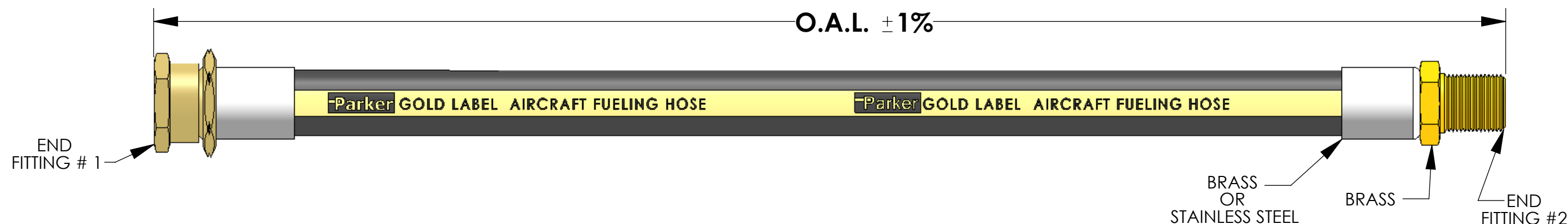


NOTES: UNLESS OTHERWISE SPECIFIED

1. TUBE- BLACK NITRILE
2. REINFORCED- MUTIPLE TEXTILE PLIES
3. COVER- BLACK STATIC CONDUCTIVE NITRILE
4. TEMPERATURE RANGE: -40°F TO 180°F (-40°C TO 82°C)
5. STANDARDS: MEETS API 1529, TYPE C, GRADE 2 (LATEST EDITION)  
MEETS NFPA 407 (LATEST EDITION), BS EN 1361 (LATEST EDITION)
6. HYDROSTATIC PRESSURE TESTED:  
600 psig (40 barg) @ 5 MINUTES @ AMBIENT TEMPERATURE, THEN REDUCED AT THE SAME RATE TO 45 PSIG (3 BARS) AND MAINTAINED FOR 2 MINUTES.
7. CONDUCTIVITY TEST PER API 1529 (LATEST EDITION), EN1361 (LATEST EDITION)
8. HYDROSTATIC AND CONDUCTIVITY TEST CERTIFICATIONS SHALL BE SUPPLIED WITH EACH HOSE ASSEMBLY
9. HOSE ASSEMBLY SHALL BE SHIPPED WITH ENDS CAPPED/PLUGGED.

# PARKER AVIATION FUELING HOSE 7776 SERIES 300 psig (20 barg)

| REVISION |             |          |      |
|----------|-------------|----------|------|
| REV      | DESCRIPTION | APPROVED | DATE |
| B        | SEE DCN     |          |      |



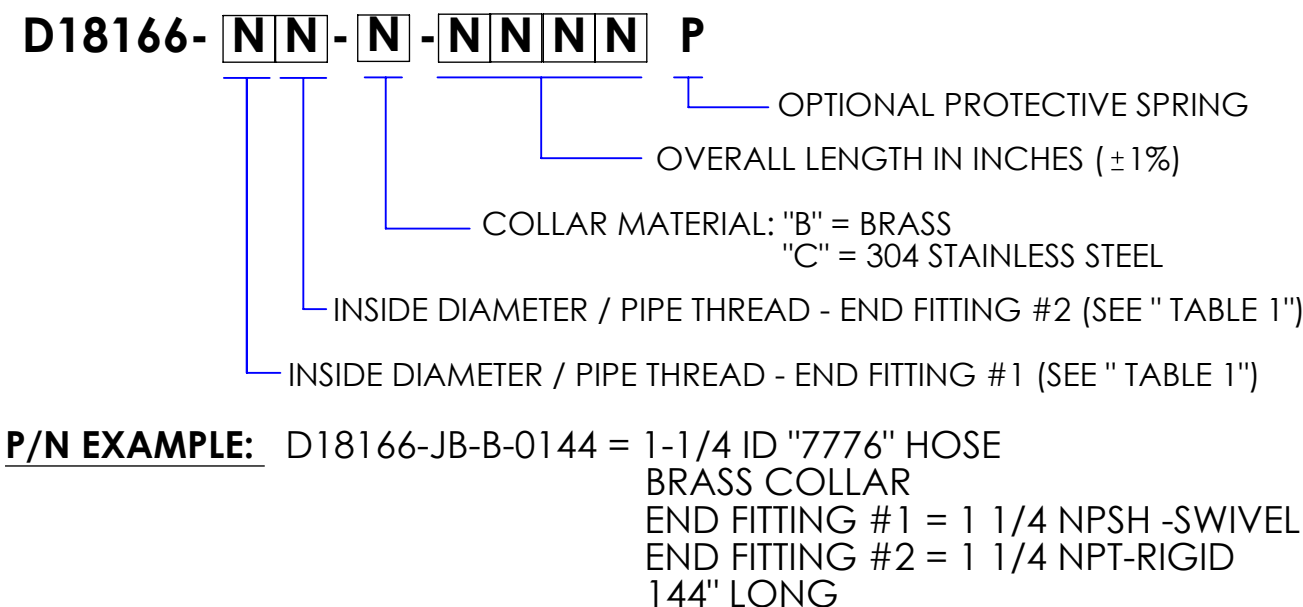
**TABLE 1**

| HOSE PART NUMBER | ID (IN) | ID CODE | REINF. LAYERS | OD (IN) | DRUM / REEL OD (IN) | *WT(lbs)/FT (APPROX.) | END FITTING THREAD<br>NPT=MALE<br>NPSH=FEMALE |
|------------------|---------|---------|---------------|---------|---------------------|-----------------------|---|
| 7776-1000        | 1       | A       | 2             | 1.63    | 10.0                | 0.69                  | 1" NPT-RIGID                                  |
| 7776-1250        | 1-1/4   | B       | 4             | 1.91    | 13.0                | 0.88                  | 1-1/4" NPT-RIGID                              |
| 7776-1500        | 1-1/2   | C       | 4             | 2.19    | 15.0                | 1.07                  | 1-1/2" NPT-RIGID                              |
| 7776-2000        | 2       | D       | 4             | 2.74    | 20.0                | 1.46                  | 2" NPT-RIGID                                  |
| 7776-2500        | 2-1/2   | E       | 4             | 3.26    | 25.0                | 1.79                  | 2-1/2" NPT-RIGID                              |
| 7776-3000        | 3       | F       | 4             | 3.76    | 30.0                | 2.08                  | 3" NPT-RIGID                                  |
| 7776-4000        | 4       | G       | 4             | 4.95    | 40.0                | 3.37                  | 4" NPT-RIGID                                  |
| 7776-1000        | 1       | H       | 2             | 1.63    | 10.0                | 0.69                  | 1" NPSH-SWIVEL                                |
| 7776-1250        | 1-1/4   | J       | 4             | 1.91    | 13.0                | 0.88                  | 1-1/4" NPSH-SWIVEL                            |
| 7776-1500        | 1-1/2   | K       | 4             | 2.19    | 15.0                | 1.07                  | 1-1/2" NPSH-SWIVEL                            |
| 7776-2000        | 2       | L       | 4             | 2.74    | 20.0                | 1.46                  | 2" NPSH-SWIVEL                                |
| 7776-2500        | 2-1/2   | M       | 4             | 3.26    | 25.0                | 1.79                  | 2-1/2" NPSH-SWIVEL                            |
| 7776-3000        | 3       | N       | 4             | 3.76    | 30.0                | 2.08                  | 3" NPSH-SWIVEL                                |
| 7776-4000        | 4       | P       | 4             | 4.95    | 40.0                | 3.37                  | 4" NPSH-SWIVEL                                |

\* LESS METAL END FITTINGS

| Aircraft Fuel Compatibility |     |
|-----------------------------|-----|
| Hose Series 7776            |     |
| Aviation Gasoline (Avgas)   |     |
| 100                         | YES |
| 100LL                       | YES |
| Jet Propellant              |     |
| Jet A                       | YES |
| Jet A-1                     | YES |
| Jet B                       | YES |
| JPTS (high altitude)        | YES |
| JP4                         | YES |
| JP5                         | YES |
| JP7                         | YES |
| JP8                         | YES |

## PART NUMBER DEVELOPMENT



|   |  |  |
|---|--|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:<br>.X ± .1<br>.XX ± .03<br>.XXX ± .010<br>ANGULAR TOL ± 3°<br><br>FINISH: 125/✓<br><br>DO NOT SCALE DRAWING | THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF DELAFIELD CORPORATION. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF DELAFIELD CORPORATION IS PROHIBITED.<br><br>APPROVALS: _____ DATE: 7/28/11<br>DRAWN: CAGUEVARA<br>CHECKED: J. MARTIN 8/2/11<br>RESP ENG: J. MARTIN 8/2/11<br>MFG ENG: _____ | <b>DELAFIELD CORPORATION</b><br>TITLE: HOSE, AIRCRAFT FUELING SERIES 7776 PARKER GOLD LABEL<br>SIZE: B DWG: <b>D18166</b> REV: <b>B</b><br>SCALE: 1:2 SHEET 1 OF 1 |
|---|--|--|