

# AEROKLER E



## OIL & GAS

Oil and petroleum/Aircraft fueling



### APPLICATIONS

Aircraft ground refueling and defueling of kerosene and/or petroleum-based fuels with an aromatic content not exceeding 30%. Specially designed for heavy-duty applications.

### ADVANTAGES

- Recognized by the major oil companies.
- Highly resistant, non fuel contaminating tube.
- Light weight, flexible and abrasion resistant hose.
- Highly resistant to vacuum.
- Available in 30 m and 40 m long as standard stock.

### COMPLEMENTARY INFORMATION

Supplied upon request, the hose assemblies are ready fitted with tin plated brass couplings secured by drop forged aluminum safety clamps. Hose assemblies are individually tested and supplied with a test certificate.

### TECHNICAL DESCRIPTION

|                       |  |
|-----------------------|--|
| Inner tube            | NBR, black, smooth, resistant to kerosene and aviation fuels             |
| Reinforcement         | synthetic textile with an embedded metallic reinforcement helix          |
| Cover                 | CR, black, canvas grain finish, hydrocarbon and weather-resistant        |
| Working temperature   | -30°C => +100°C.   |
| Electrical Properties | semi-conductive cover + two built-in wires, Grade M 10 <sup>2</sup> Ω/Ig |
| Special Properties    | Max. vacuum: 0.90 bar.   |

### STANDARD/APPROVAL

ISO 1825:2017 type E

ISO

EI 1529:2014 type E

EI

French directive TMD (carriage of dangerous goods in France).

TMD



and embossed: AEROKLER E - AIRCRAFT FUELLING HOSE - EI 1529:2014 - ISO 1825:2017 - ND- WP 20 BAR (300PSI) - WEEK/YEAR - BATCH NUMBER



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| ID (MM) | OD (MM) | WORKING PRESSURE (BAR) | BURSTING PRESSURE (BAR) | BENDING RADIUS (MM) | WEIGHT (KG/M) | LENGTH (M) | ARTICLE NUMBER |
|---------|---------|------------------------|-------------------------|---------------------|---------------|------------|----------------|
| 50.0    | 68.0    | 20                     | 80                      | 215                 | 2,41          | 30.0       | 5609537        |
| 50.0    | 68.0    | 20                     | 80                      | 215                 | 2,41          | 40.0       | 5609536        |
| 63.0    | 81.0    | 20                     | 80                      | 230                 | 3,46          | 30.0       | 5609539        |
| 63.0    | 81.0    | 20                     | 80                      | 230                 | 3,46          | 40.0       | 5609538        |
| 75.0    | 94,5    | 20                     | 80                      | 230                 | 4,44          | 40.0       | 5609540        |
| 100.0   | 120.5   | 20                     | 80                      | 345                 | 5,88          | 40.0       | 5609541        |

Tolerance on length:  $\pm 1\%$  (ISO 1307 Standard).