

AEROKLER F-CT



OIL & GAS

Oil and petroleum/Aircraft fueling



APPLICATIONS

Aircraft ground refuelling and defuelling of kerosene and/or petroleum-based fuels with an aromatic content not exceeding 30%. Specially designed for cold temperature applications where standard hose is not suitable due to extreme cold temperatures.

ADVANTAGES

- Remaining flexible and fully EI 1529 compliant at -40°C.
- Highly resistant, non fuel contaminating tube.
- Light weight, flexible and abrasion resistant hose.
- Highly resistant to vacuum.
- No rubber crack at -48°C.
- Flame resistant cover.
- Available in 30 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 embedded PET reinforcement helix
Cover	CR, black, canvas grain finish, hydrocarbon and weather-resistant
Working temperature	-40°C => +100°C.
Electrical Properties	semi-conductive coating, Grade Ω between 10^3 and $10^6 \Omega/\text{lg}$
Special Properties	Max. vacuum: 0.65 bar.

STANDARD/APPROVAL

ISO 1825:2017 type F

ISO

EI 1529:2014 type F

EI

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

TMD



and embossed: AIRCRAFT FUELLING HOSE - COLD TEMPERATURE - EI 1529:2014 - ISO 1825:2017 - F-CT/2/ Ω - 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	69.0	20	80	215	2,29	30.0	5609567
50.0	69.0	20	80	215	2,29	40.0	5609565
63.0	82.0	20	80	230	2,91	30.0	5609568
63.0	82.0	20	80	230	2,91	40.0	5609363
75.0	95.5	20	80	230	3,63	30.0	5609569
75.0	95.5	20	80	230	3,63	40.0	5609364
100.0	122.0	20	80	345	4,94	40.0	5609566

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