

AEROKLER CT



OIL & GAS

Oil and petroleum
Aircraft fueling



APPLICATIONS

Aircraft ground refueling with kerosene or other aircraft fuels, with aromatic content $\leq 30\%$, used in cold temperature applications where standard hose is not suitable due to extreme cold temperatures.

Fuel discharge under pressure.

ADVANTAGES

- † Remaining flexible and fully EI 1529 compliant at -40°C .
- † Highly resistant tube to contamination fuel.
- † Light weight, flexible and abrasion resistant hose.

TECHNICAL DESCRIPTION

Inner tube: kerosene and aircraft fuels resistant NBR, black, smooth.

Reinforcement: synthetic braided textile.

Cover: oil and weather resistant CR, black, fabric impression.

Temperature range:

Operability: -40°C to $+100^{\circ}\text{C}$. No rubber cold embrittlement at -48°C .

Electrical properties: semi-conductive cover,
 $10^3\Omega/\text{m} < R < 10^6\Omega/\text{m}$.

STANDARD/APPROVAL

EI 1529:2014 7th edition.





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.

Max vacuum 0.15bar: hose retains 80% of its original internal diameter according to EI 1529/C.



and embossed: TRELLEBORG - AEROKLER C-CT - AIRCRAFT FUELING HOSE - COLD TEMPERATURE - EI 1529:2014 - 2/Ω - ND - WP 20BAR (300PSI) - quarter/year - batch number

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ID mm	WALL THICKNESS mm	OD mm	WORKING PRESSURE bar	BURSTING PRESSURE bar	MAX. VACUUM bar	BENDING RADIUS mm	WEIGHT kg/m	LENGTH m	ARTICLE NUMBER	STOCK () or min. order m
19.0	6 ±0.7	31.0 ±1.0	20	80	0.15	90	0.63	40	5514066	120
25.0	6.25 ±0.7	37.5 ±1.0	20	80	0.15	115	0.86	40	5514068	120
32.0	6.25 ±0.7	44.5 ±1.0	20	80	0.15	140	1	40	5514070	1
38.0	6.5 ±0.7	51.0 ±1.0	20	80	0.15	180	1.19	40	5514072	1
50.0	8 ±0.9	66.0 ±1.0	20	80	0.15	215	1.85	40	5514074	120
63.0	8.5 ±1.15	80.0 ±1.5	20	80	0.15	230	2.28	40	5514076	120
75.0	8 ±1.15	91.0 ±1.5	20	80	0.15	230	2.63	40	5514078	120
100.0	9 ±1.6	118.0 ±2.0	20	80	0.15	345	3.79	40	5514080	80
Tolerance on length: ±1% (ISO 1307 Standard).										

