

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.

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.

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	$-40^{\circ}\text{C} \Rightarrow +100^{\circ}\text{C}$, -40 Operability; -40°C to $+100^{\circ}\text{C}$. No rubber cold embrittlement at -48°C
Electrical Properties	semi-conductive cover, $10^3 \Omega/\text{m}$

STANDARD/APPROVAL

EI 1529:2014 7th edition.



and embossed: TRELLEBORG - AEROKLER CT - AIRCRAFT FUELING HOSE - COLD TEMPERATURE - EI 1529:2014 - 2/? - ND - WP 20BAR (300PSI) - quarter/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
19.0	31.0	20	80	90	0.63	40	5514066
25.0	37.5	20	80	115	0.86	40	5514068
32.0	44.5	20	80	140	1.00	40	5514070
38.0	51.0	20	80	180	1.19	40	5514072
50.0	66.0	20	80	215	1.86	40	5514074
63.0	80.0	20	80	230	2.28	40	5514076
75.0	91.0	20	80	230	2.63	40	5514078
100.0	118.0	20	80	345	3.79	40	5514080

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

