AEROKLER CT

OIL & GAS

Oil and petroleum/Aircraft fueling

APPLICATIONS

Aircraft ground refuelling 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 tube to contamination fuel.
- Light weight, flexible and abrasion resistant hose.
- No rubber crack at -48°C.

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.
Working temperature	-40°C => +100°C.
Electrical Properties	semi-conductive cover, 10^3Ω/m
Special Properties	Max. vacuum: 0.15 bar.

STANDARD/APPROVAL

EI 1529:2014 type C	EI
French directive TMD (carriage of dangerous goods in France).	TMD

and embossed: TRELLEBORG - AEROKLER CT - AIRCRAFT FUELING HOSE - COLD TEMPERATURE - EI 1529:2014 - 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	40.0	5514066
25.0	37.5	20	80	115	0.86	40.0	5514068
32.0	44.5	20	80	140	1.00	40.0	5514070
38.0	51.0	20	80	180	1.19	40.0	5514072
50.0	66.0	20	80	215	1.86	30.0	5609088
50.0	66.0	20	80	215	1.86	40.0	5514074
63.0	80.0	20	80	230	2.28	30.0	5609079
63.0	80.0	20	80	230	2.28	40.0	5514076
75.0	91.0	20	80	230	2.63	40.0	5514078
100.0	118.0	20	80	345	3.79	40.0	5514080

Tolerance on length: ±1% (ISO 1307 Standard).