



Luxecasting
International Group

一切以客户为中心
To serve what customers need.

AEROKLER C-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,
 $10^3\Omega/\text{lg} < R < 10^6\Omega/\text{lg}$.

STANDARD/APPROVAL

EI 1529:2014 7th edition.



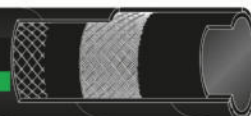
COMPLEMENTARY INFORMATION

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 ISO 1825:2017.

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OIL & GAS

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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	120
38.0	6.5 ±0.7	51.0 ±1.0	20	80	0.15	180	1.19	40	5514072	•
50.0	8 ±0.9	66.0 ±1.0	20	80	0.15	215	1.85	40	5514074	•
63.0	8.5 ±1.15	80.0 ±1.5	20	80	0.15	230	2.28	40	5514076	•
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).



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APPLICATIONS

Aircraft ground refuelling with kerosene or petroleum fuel, aromatic content $\leq 50\%$.

Fuel discharge under pressure.

ADVANTAGES

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

TECHNICAL DESCRIPTION

Inner tube: kerosene resistant NBR, black, smooth.

Reinforcement: synthetic textile.

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

Temperature range: -30°C to $+100^{\circ}\text{C}$.

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

STANDARD/APPROVAL

EI 1529:2014 type C.

EI

ISO 1825:2017 type C.

ISO

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 ISO 1825:2017.



and embossed: TRELLEBORG - AEROKLER C - AIRCRAFT FUELING HOSE - EI 1529:2014 - ISO 1825:2017 - 2/Ω - ND - WP 20BAR (300PSI) - quarter/year - batch number

Luminescent spiralled marking on request:





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OIL & GAS

AEROKLER C



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	0.55	30	5500067	•
19.0	6 ±0.7	31.0 ±1.0	20	80	0.15	90	0.55	40	0060578	•
25.0	6.25 ±0.7	37.5 ±1.0	20	80	0.15	115	0.75	40	0060593	•
32.0	6.25 ±0.7	44.5 ±1.0	20	80	0.15	140	0.87	30	0060594	•
32.0	6.25 ±0.7	44.5 ±1.0	20	80	0.15	140	0.87	40	0060595	•
38.0	6.5 ±0.7	51.0 ±1.0	20	80	0.15	180	1.04	40	0060597	•
38.0	6.5 ±0.7	51.0 ±1.0	20	80	0.15	180	1.04	30	0060596	•
50.0	8 ±0.9	66.0 ±1.0	20	80	0.15	215	1.77	30	0060610	•
50.0	8 ±0.9	66.0 ±1.0	20	80	0.15	215	1.77	40	0060611	•
63.0	8.5 ±1.15	80.0 ±1.5	20	80	0.15	230	2.18	40	0060601	•
75.0	8 ±1.15	91.0 ±1.5	20	80	-	230	2.52	30	0060602	•
75.0	8 ±1.15	91.0 ±1.5	20	80	-	230	2.52	40	0060603	•
100.0	9 ±1.6	118.0 ±2.0	20	80	-	345	3.62	40	5513522	•

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



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AEROKLER F



OIL & GAS

Oil and petroleum
Aircraft fueling



APPLICATIONS

Aircraft ground refuelling and defuelling with kerosene or petroleum fuel, aromatic content $\leq 50\%$.
Fuel discharge under pressure.

ADVANTAGES

- Recognized by the major oil companies.
- Highly resistant, non fuel contaminating tube.
- Light weight, flexible and abrasion resistant hose.

TECHNICAL DESCRIPTION

Inner tube: kerosene resistant NBR, black, smooth.

Reinforcement: synthetic textile with embedded PET helix.

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

Temperature range: -40°C to $+100^{\circ}\text{C}$.

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

STANDARD/APPROVAL

ISO 1825:2017 type F.

ISO

COMPLEMENTARY INFORMATION

Supplied upon request, the hose assemblies are ready fitted with tin plated brass couplings secured by drop forged aluminum safety clamps.

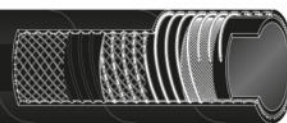
Hose assemblies are individually tested and supplied with a test certificate.

Standard version with no branding. Orange transfer tape on request.

and embossed: TRELLEBORG - AEROKLER F - ISO 1825:2017 - F/ Ω - ND - WP 20bar - month/year - batch number - Made in France

AEROKLER F

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OIL & GAS

AEROKLER F



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
32.0 ±0.8	8.25	48.5 ±1.0	20	80	0.65	140	1.24	40	5501256	120
38.0 ±0.8	8.75	55.0 ±1.0	20	80	0.65	180	1.54	40	5500131	80
50.0 ±1.2	9.5	69.0 ±1.0	20	80	0.65	215	2.15	40	5500132	160
63.0 ±1.2	9.5	82.0 ±1.5	20	80	0.65	230	2.64	40	5500133	•
75.0 ±1.2	10.25	95.5 ±1.5	20	80	0.65	230	3.4	40	5500134	•
100.0 ±1.6	11	122.0 ±2.0	20	80	0.65	345	4.63	1	0095584	40

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