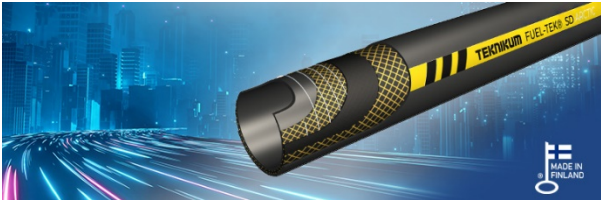


## Teknikum FUEL-TEK® SD Arctic



### APPLICATIONS

Teknikum FUEL-TEK® SD Arctic is a special version of Teknikum FUEL-TEK® SD developed particularly to cold and freezing operating conditions. The hose maintains its familiar high-quality flexibility even in the temperature of -50 °C.

This standard compliant suction and delivery oil hose is suitable for transporting almost all oil-based materials and hydrocarbons with maximum aromatic content of 50%. The hose is also suitable for gasoline, diesel oil and oil mixed water. Furthermore, it can be used with biodiesels having less than 20% FAME (Fatty Acid Methyl Esters) and with bioethanol containing biofuels.

### ADVANTAGES

- Suitable for almost all petroleum-based products
- Designed for extremely cold conditions
- Excellent weather and ageing resistance
- High mechanical strength
- High burst pressure  $\geq 64$  bar
- Suitable with many types of couplings

### STANDARD/COMPLIANCY

Meets the requirements of chemical hose standard EN 12115:2011, EN1761:1999 and German standard TRbF 131/2 for  $\Omega$ -type hoses.

### TECHNICAL PROPERTIES

#### Previous versions

FUEL-TEK® Arctic 2410 LT  
(same reference and structure)

#### Structure

- Tube:
  - oil and fuel resistant
  - black NBR 1
  - smooth
- Reinforcement: textile and steel spiral
- Cover:
  - black CR
  - wear and weather resistant
  - non-flammable
- Safety factor: 4

#### Temperature range

- 50°C... +100°C.

#### Electrical properties

- Meets the requirements of EN 12115:2011
- Hose type:  $\Omega$ /T
- Conductive tube and cover  $R \leq 10^6 \Omega$  / length
- Conductive through the hose wall  $R \leq 10^9 \Omega$
- ATEX compliance (EC 2014/34/EU), equipment group II / category 2.

## SUITABLE COUPLINGS AND CLAMPS

We recommend hose couplings according to EN 14420-7 and clamps according to EN 14420-3.

## More information

[sales@teknikum.com](mailto:sales@teknikum.com)

[www.teknikum.com](http://www.teknikum.com)

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## MANUFACTURER

Teknikum Oy (Business ID FI07645274),  
Nokiankatu 1, 38210, Sastamala, Finland



TEHTY SUOMESSA  
MADE IN FINLAND



## ORDER REFERENCE

Product code	Ø i.d. mm	Ø o.d. mm	Working press. MPa	Vacuum max. MPa	Bending radius mm	Weight kg/m	Length m	MOQ m
<b>2410LT019</b>	19	31	1,0	0,09	76	0,70	40	120
<b>2410LT025</b>	25	37	1,0	0,09	100	0,90	40	120
<b>2410LT038</b>	38	51	1,0	0,09	152	1,30	40	120
<b>2410LT045</b>	45	59	1,0	0,09	180	1,40	40	120
<b>2410LT050</b>	50	66	1,0	0,09	200	2,00	40	120
<b>2410LT075</b>	75	91	1,6	0,09	300	2,00	40	120
<b>2410LT076</b>	76	92	1,0	0,09	304	2,20	40	120
<b>2410LT100</b>	100	116	1,0	0,09	400	4,10	40	120

Other dimensions available on request.

MOQ = minimum order quantity

## MARKINGS



Also embossed standard markings:

TEKNIKUM - EN 12115:2011 - SD - (id) - 10bar - -45°C/+100°C - Ω/T - quarter/year