

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.

STANDARD/ COMPLIANCY

Meets the requirements of chemical hose standard EN 12115:2021 and standard EN 1761:1999.

ATEX compliance (EC 2014/34/EU), equipment group II / category 2.

ADVANTAGES

- Suitable for almost all petroleum-based products
- Designed for extremely cold conditions
- Excellent weather and ageing resistance
- High mechanical strength
- Suitable with many types of couplings

TECHNICAL PROPERTIES

Structure

- Tube: black NBR
 - smooth
 - oil and fuel resistant
- Reinforcement: textile and steel spiral
- Cover: black CR
 - smooth
 - 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: Ω/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.

MANUFACTURER









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

More information

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ORDER REFERENCE

Product code	Ø i.d. mm	Ø o.d. mm	Working press. bar	Vacuum max. bar	Bending radius mm	Weight kg/m	Length m
							
2410LT019	19	31	10	0,9	76	0,7	40
2410LT025	25	37	10	0,9	100	0,9	40
2410LT038	38	51	10	0,9	152	1,3	40
2410LT045	45	59	10	0,9	180	1,4	40
2410LT050	50	66	10	0,9	200	2,0	40
2410LT075	75	91	16	0,9	300	2,0	40
2410LT076	76	92	10	0,9	304	2,2	40
2410LT100	100	116	10	0,9	400	4,1	40

Other dimensions available on request.

MARKINGS



Also embossed standard markings:

TEKNIKUM - EN 12115:2021 - SD - (id) - 10bar - -45°C/+100°C - Q/T - quarter/year