

Teknikum FUEL-TEK® D Arctic



APPLICATIONS

Teknikum FUEL-TEK® D Arctic is a special version of Teknikum FUEL-TEK® D 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 delivery oil hose is 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, the hose can be used also with biodiesels that have 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
- Cover: black CR
 - smooth
 - wear and weather resistant
 - non-flammable
- Burst safety factor 4 x working press.

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

sales@teknikum.com
www.teknikum.com



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
							
2400LT013	13	23	10	0,5	52	0,4	40
2400LT025	25	37	10	0,4	100	0,8	40
2400LT038	38	51	10	0,4	152	1,2	40
2400LT050	50	66	10	0,3	200	1,7	40
2400LT063	63	79	10	-	252	2,6	40

Other dimensions available on request.

MARKINGS



Also embossed standard markings:
TEKNIKUM - EN 12115:2021 - D - (id) - 10bar - -50°C/+100°C - Q/T - quarter/year