

Teknikum FUEL-TEK® D



APPLICATIONS

Delivery oil hose for transportation of almost all oil-based materials and hydrocarbons with maximum aromatic content of 50%. The hose is suitable for gasoline, diesel oil and oil mixed water. The hose maintains its familiar high-quality flexibility even in the temperature of -40 °C.

The hose can be used also with biodiesels which have less than 20% fame and with bioethanol containing biofuels.

STANDARD/ COMPLIANCY

Meets the requirements of chemical hose standard EN 12115:2011 and standard EN 1761:1999.

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

ADVANTAGES

- Suitable for almost all petroleum-based products
- Excellent weather and ageing resistance
- High mechanical strength
- Suitable with many types of couplings
- Flexible even in very cold conditions

TECHNICAL PROPERTIES

Previous versions

Teknikum FUEL-TEK® 2400 (same reference and structure)

Structure

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

Temperature range

- 40°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

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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
2400BC008	8	16	1,0	0,05	32	0,20	40
2400BC010	10	18	1,0	0,05	40	0,30	40
2400BC013	13	23	1,0	0,05	52	0,40	40
2400BC016	16	26	1,0	0,05	64	0,50	40
2400BC019	19	31	1,0	0,05	76	0,60	40
2400BC025	25	37	1,6	0,04	100	0,80	40
2400BC032	32	44	1,0	0,04	128	1,00	40
2400BC038	38	51	1,6	0,04	152	1,20	40
2400BC040	40	53	1,0	0,04	160	1,30	40
2400BC045	45	59	1,0	0,04	180	1,40	40
2400BC050	50	66	1,6	0,03	200	1,70	40
2400BC063	63	79	1,0	-	252	2,60	40
2400BC075	75	91	1,6	-	300	3,20	40
2400BC076	76	92	1,0	-	304	3,20	40
2400BC090	90	106	1,0	-	360	3,70	40
2400BC100	100	116	1,6	-	400	4,20	40
2400BC102	102	118	1,0	-	408	4,20	40
2400BC115	115	135	1,0	-	460	5,80	40
2400BC127	127	147	1,0	-	508	6,30	20
2400BC152	152	172	1,0	-	608	8,90	20

MARKINGS



The marking tape include also standard markings:

TEKNIKUM - EN 12115:2011 – EN1761 – NBR - D - (id) - ??bar - -40°C/+100°C - Ω/T - quarter/year