

Teknikum ALKA-TEK™ 3462 BC

 [teknikum.com/en/chemical-and-petrochemical-hoses/alka-tek-3462-bc-2](https://www.teknikum.com/en/chemical-and-petrochemical-hoses/alka-tek-3462-bc-2)



High-quality suction and pressure hose for liquid gas applications

Applications

Teknikum Alka-Tek™3462 BC is designed for transferring LPG (Liquefied Petroleum Gas) and natural gas.

The high-quality hose is used e.g. for loading and unloading containers, at trucks, industrial plant tankers, harbours, docks and terminals. Teknikum Alka-Tek™3462 BC is a suction and pressure hose, so it is suitable for several applications including fixed assemblies as well as for reel use.

Teknikum Alka-Tek™3462 BC is designed accordingly to EN 1762:2003 type SD. Consequently the working pressure is 2,5 MPa and the hose tube is resistant to most common saturated hydrocarbons as methane, ethane, propane, butane in its gaseous or liquid form. The hose cover is pin-pricked and allows smooth gas permeation for ensuring safety.

TEMPERATURE RANGE: -40°C...+100°C

CONSTRUCTION:

- **Tube:** black NBR1, resistant to most common alkanes, diffusion resistant, antistatic
- **Reinforcement:** textile and steel spiral
- **Cover:** black CR, antistatic, pin-pricked, non-flammable, weather and wear resistant
- **Safety factor:** 4

NOTE:

The hose meets the requirements of standard EN 1762:2003 for Ω-type hose, meaning that resistance of the hose is $< 10^6 \Omega$ per length. We recommend hose couplings according to EN 14420-7 and clamps according to EN 14420-3.

Designed and manufactured in Finland.

Technical information

Product code	∅ i.d. mm	∅ o.d. mm	Working press. MPa	Vacuum max. MPa	Bending radius mm	Weight kg/m	Length m
3462BC019	19	31	2,5	0,09	75	0,70	40
3462BC025	25	38	2,5	0,09	90	0,90	40
3462BC032	32	45	2,5	0,09	110	1,00	40
3462BC038	38	52	2,5	0,09	120	1,30	40
3462BC050	50	66	2,5	0,09	200	2,00	40
3462BC063	63	81	2,5	0,09	230	1,80	40
3462BC075	75	93	2,5	0,09	260	2,00	40
3462BC100	100	120	2,5	0,09	450	4,10	40

Sales - Industrial hoses

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