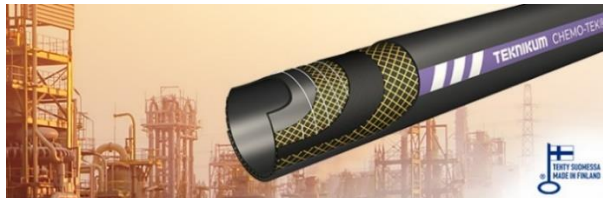


Teknikum CHEMO-TEK® SD EPDM



APPLICATIONS

Suction and delivery hose corresponding to high quality standards in chemical industry. The hose is designed for transporting of several different chemicals in EPDM hose category.

The hose is suitable for moderately corrosive chemicals such as alkalis, ketones, alcohols and acids. The life cycle of the hose depends on the concentration and the temperature of transferred chemicals. Suitability of chemicals needs to be checked case specifically.

ADVANTAGES

- Suitable for several chemicals
- Excellent weather and ageing resistance
- High mechanical strength
- High burst pressure $\geq 6,4$ MPa
- Suitable with many types of couplings

STANDARD/ COMPLIANCE

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

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

TECHNICAL PROPERTIES

Structure

- Tube: black EPDM
 - smooth
 - chemical resistant
- Reinforcement: textile and steel spiral
- Cover: black EPDM
 - smooth
 - chemical resistant
 - wear and weather resistant
 - non-flammable.
- Burst safety factor 4 x working press.

Temperature range

- 40°C... +100°C

(temporarily washing with steam +120°C)

Electrical properties

- Meets the requirements of EN 12115:2021
- 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

All rights reserved. © 2020 Teknikum Group Ltd.



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 
H2710BC016	16	26	1,6	0,09	64	0,60	40
H2710BC019	19	31	1,6	0,09	76	0,60	40
H2710BC025	25	37	1,6	0,09	100	0,80	40
H2710BC038	38	51	1,6	0,09	152	1,20	40
H2710BC050	50	66	1,6	0,09	200	1,80	40
H2710BC063	63	79	1,6	0,09	252	2,80	40
H2710BC075	75	91	1,6	0,09	300	3,30	40
H2710BC076	76	92	1,6	0,09	304	3,30	40
H2710BC100	100	116	1,6	0,09	400	4,20	40

Other dimensions available on request.

MARKINGS



Also embossed standard markings:

TEKNIKUM - EN 12115:2021 - EPDM - SD - (id) - 16bar - -40°C/+100°C - Ω/T - quarter/year