

Teknikum CARBON™ SD



APPLICATIONS

Suction and delivery working hose with corrugated cover. The hose is flexible and medium duty material handling hose. The hose is designed for transport wearing granulate materials and suitable for a wide range of industrial applications. Suitable also for use as part of pipelines and industrial central vacuum systems.

ANTISTATIC-hose version comes with a black SBR tube providing electrical conductivity and increased safety against ESD.

Available also with spiral-free cuffs.

ADVANTAGES

- Safe and durable hose
- Flexible and low bending radius due to special structure and corrugated surface
- Medium weight and easy handling
- Excellent resistance to abrasion
- Eliminates vibrations and noise
- Hose can be cut on-site
- Available with spiral-free cuffs

TECHNICAL PROPERTIES

Structure

- Tube: grey NR
 - smooth
 - wear resistant

- Tube/ Antistatic version: black SBR
 - smooth
 - wear resistant
 - antistatic
- Reinforcement: textile and steel spiral
- Cover: black SBR
 - corrugated surface
 - wear and weather resistant
 - antistatic
- Burst safety factor 3,2 x working press.

Temperature range

- 40°C... +80°C

Electrical properties

Construction includes an earth wire.

Teknikum CARBON™ SD:

- Conductive cover $R \leq 10^6 \Omega$ / length

Teknikum CARBON™ SD ANTISTATIC:

- Conductive tube and cover $R \leq 10^6 \Omega$ / length
- Conductive through the hose wall $R \leq 10^9 \Omega$

SUITABLE COUPLINGS AND CLAMPS

We recommend band clamp for hose tightening.

MANUFACTURER

Teknikum Oy (Business ID FI07645274),
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More information







sales@teknikum.com

www.teknikum.com



ORDER REFERENCE

Selected sizes available directly from stock. Ask more from sales.

Product code 	Ø i.d. mm 	Ø o.d. mm 	Working press. bar 	Vacuum max. bar 	Bending radius mm 	Weight kg/m 	Length m 
Teknikum CARBON™ SD							
H4100050	50	69	5	0,9	100	2,0	40
H4100063	63	82	5	0,9	130	2,5	40
H4100076	76	96	5	0,9	200	3,0	40
H4100090	90	109	5	0,9	240	3,8	40
H4100102	102	122	5	0,9	290	4,3	40
H4100115	115	134	5	0,9	310	5,0	20
H4100127	127	147	5	0,9	350	5,5	20
H4100152	152	173	5	0,9	600	7,4	20
H4100203	203	225	5	0,9	700	9,9	10
Teknikum CARBON™ SD ANTISTATIC 							
H4200BC050	50	69	5	0,9	100	1,8	40
H4200BC063	63	82	5	0,9	130	2,6	40
H4200BC076	76	96	5	0,9	200	3,2	40
H4200BC102	102	122	5	0,9	290	4,5	40
H4200BC115	115	134	5	0,9	310	5,3	20
H4200BC127	127	147	5	0,9	350	5,5	20
H4200BC152	152	173	5	0,9	600	7,4	20
H4200BC203	203	225	5	0,9	700	9,9	10

Other dimensions available on request.

MARKINGS

