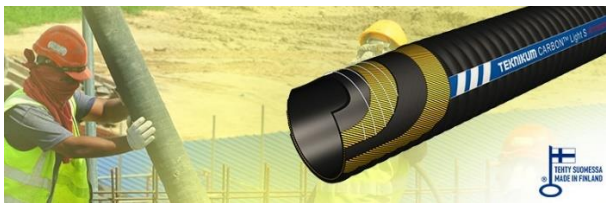


Teknikum CARBON LIGHT™ S



APPLICATIONS

Corrugated cover and very flexible suction working hose. The hose is designed for industrial vacuum cleaners, tank trucks and cleaning systems. The hose is suitable for a wide range of industrial suction applications and can be used as part of pipeline.

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
- Light weight and easy handling
- Excellent resistance to abrasion
- 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
- Optimized for suction use. Not designed or recommended for pressure applications.

Temperature range

- 40°C... +80°C

Electrical properties

Teknikum CARBON LIGHT™ S:

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

Teknikum CARBON LIGHT™ S ANTISTATIC version:

- 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),
Nokiankatu 1, 38210, Sastamala, Finland

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	Vacuum max. bar	Bending radius mm	Working press. bar	Weight kg/m	Length m
							
Teknikum CARBON LIGHT™ S							
H4110032	32	45	0,9	100	-	0,8	40
H4110040	40	53	0,9	100	-	1,0	40
H4110045	45	58	0,9	130	-	1,2	40
H4110050	50	63	0,9	150	-	1,3	40
H4110063	63	76	0,9	160	-	1,6	40
H4110076	76	89	0,9	170	-	2,0	40
H4110090	90	104	0,9	200	-	2,8	40
H4110102	102	116	0,9	210	-	3,1	40
H4110115	115	129	0,9	220	-	3,6	20
H4110127	127	142	0,9	250	-	4,0	20
H4110152	152	167	0,9	370	-	5,2	20
H4110203	203	220	0,9	500	-	8,3	10
Teknikum CARBON LIGHT™ S ANTISTATIC A							
H4210BC050	50	63	0,9	150	-	1,4	40
H4210BC063	63	76	0,9	160	-	1,7	40
H4210BC076	76	89	0,9	170	-	2,1	40
H4210BC102	102	116	0,9	210	-	3,2	40
H4210BC127	127	142	0,9	250	-	4,1	20
H4210BC152	152	167	0,9	370	-	5,0	20
H4210BC203	203	220	0,9	500	-	8,4	10

Other dimensions available on request.

MARKINGS

