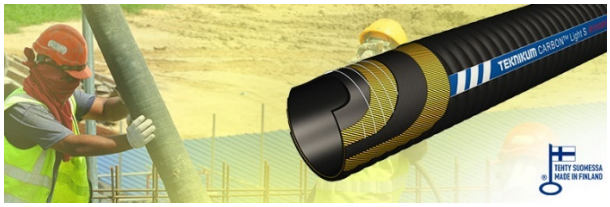
Teknikum
CARBON LIGHT™ S



Teknikum CARBON LIGHT™ S working hose with corrugated cover is very flexible material handling hose. It's 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.

Teknikum CARBON LIGHT™ S *ANTISTATIC* hose version comes with a black NR 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

Previous versions

CARBON™ 4110 / 4210 BC Antistatic
(same reference and structure)

Structure

- Tube: grey NR
  - smooth
  - wear resistant
- Tube/ Antistatic version: black SBR
  - smooth
  - wear resistant
- Reinforcement: textile and steel spiral
- Cover: black SBR
  - wear resistant
  - antistatic
  - weather resistant
  - corrugated surface

Temperature range

- 40°C... +80°C

Electrical properties

Teknikum CARBON LIGHT™ S:

- Conductive cover R ≤ 10^6 Ω / length

Teknikum CARBON LIGHT™ S *ANTISTATIC* version:

- Conductive tube and cover R ≤ 10^6 Ω / length
- Conductive through the hose wall R ≤ 10^9 Ω

SUITABLE COUPLINGS AND CLAMPS

Recommended clamp is hose clamp or Carbon clamp.

MANUFACTURER

Teknikum Oy (Business ID FI07645274), Nokiankatu 1, 38210, Sastamala, Finland

More information

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ORDER REFERENCE

Product code	Ø i.d. mm	Ø o.d. mm	Vacuum max. MPa	Bending radius mm	Weight kg/m	Length m
Teknikum CARBON LIGHT™ S						
4110032	32	45	0,09	100	0,80	40
4110040	40	53	0,09	100	1,00	40
4110045	45	58	0,09	130	1,20	40
4110050	50	63	0,09	150	1,30	40
4110063	63	76	0,09	160	1,60	40
4110076	76	89	0,09	170	2,00	40
4110090	90	104	0,09	200	2,80	40
4110102	102	116	0,09	210	3,10	40
4110115	115	129	0,09	220	3,60	20
4110127	127	142	0,09	250	4,00	20
4110152	152	167	0,09	370	5,20	20
4110203	203	220	0,09	500	8,30	10
Teknikum CARBON LIGHT™ S *ANTISTATIC*						
4210BC050	50	63	0,09	150	1,40	40
4210BC063	63	76	0,09	160	1,70	40
4210BC076	76	89	0,09	170	2,10	40
4210BC102	102	116	0,09	210	3,20	40
4210BC127	127	142	0,09	250	4,10	20
4210BC152	152	167	0,09	370	5,00	20
4210BC203	203	220	0,09	500	8,40	10

Other dimensions available on request.

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MARKINGS

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