

## Teknikum TITAN™



### APPLICATIONS

Robust and flexible material handling hose with smooth cover for very abrasive substances. Teknikum TITAN™ hoses are used for hydraulic suction and delivery transportation of abrasive materials. The hose is suitable for heavy circumstances where hose must resist wear, movements and damp vibrations.

Customized Teknikum TITAN™ hoses can be manufactured according to ISO 28017:2011 (Rubber hoses and hose assemblies, wire or textile reinforced, for dredging applications) type 2.

Teknikum TITAN™ hoses can also be made of EPDM or NBR rubber materials.

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

### ADVANTAGES

- Safe and durable material handling hose
- Excellent resistance to abrasion and weather
- Eliminates vibrations and noise
- Low bending radius
- ESD protection with Antistatic version
- EPDM and NBR material options
- Quick and easy installation
- Hoses can be cut on-site
- Complete with TITAN™ Select couplings

## TECHNICAL PROPERTIES

### Structure

- Tube: grey NR 50 ShA
  - smooth
  - wear resistant
- Tube / Antistatic version: black SBR 60 ShA
  - smooth
  - wear resistant
  - antistatic
- Reinforcement: textile and steel spiral
- Cover: black SBR
  - smooth
  - wear and weather resistant
  - antistatic
- Burst safety factor 2 x working press.

### Temperature range

-40°C...+80°C.

### Electrical properties

Teknikum TITAN™:

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

Teknikum TITAN™ ANTISTATIC:

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

### SUITABLE COUPLINGS AND FLANGES

We recommend Teknikum TITAN™ Select couplings and Select gaskets. Available also with Teknikum PLUSTM flange system.

### MANUFACTURER

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

### More information

[sales@teknikum.com](mailto:sales@teknikum.com)

[www.teknikum.com](http://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 
<b>Teknikum TITAN™</b>							
<b>H4160040</b>	40	64	10	0,9	120	2,2	40
<b>H4160050</b>	50	72	10	0,9	120	2,4	40
<b>H4160063</b>	63	82	10	0,9	140	2,7	40
<b>H4160076</b>	76	100	10	0,9	250	3,8	40
<b>H4160080</b>	80	100	10	0,9	250	4,3	40
<b>H4160090</b>	90	113	10	0,9	250	4,8	40
<b>H4160102</b>	102	125	10	0,9	250	5,1	20
<b>H4160115</b>	115	141	10	0,9	300	6,5	20
<b>H4160127</b>	127	154	10	0,9	350	6,9	20
<b>H4160152</b>	152	178	10	0,9	650	9,1	20
<b>H4160180</b>	180	212	10	0,9	1000	14,3	10
<b>H4160203</b>	203	238	10	0,9	1200	17,7	10
<b>H4160253</b>	253	291	10	0,5	1500	20,8	10
<b>H4160300</b>	300	341	10	0,5	1500	25,9	10
<b>H4160305</b>	305	341	10	0,5	1500	25,9	10
<b>H4160350</b>	350	403	10	0,5	2000	39,2	10
<b>H4160405</b>	405	456	5	0,5	2300	43,1	10
<b>H4160450</b>	450	508	5	0,5	3000	52,0	10
<b>H4160508</b>	508	558	5	0,5	4000	67,0	10
<b>H4160600</b>	600	664	5	0,5	5000	82,0	10
<b>Teknikum TITAN™ ANTISTATIC </b>							
<b>H4260BC050</b>	50	72	10	0,9	120	2,4	40
<b>H4260BC063</b>	63	82	10	0,9	140	2,7	40
<b>H4260BC080</b>	80	100	10	0,9	250	4,3	40
<b>H4260BC102</b>	102	125	10	0,9	250	5,1	20
<b>H4260BC152</b>	152	178	10	0,9	650	9,1	20
<b>H4260BC203</b>	203	238	10	0,9	1200	17,7	10

Other dimensions available on request.

## MARKINGS

	TEKNIKUM TITAN™	GREEN	Abrasive	
	TEKNIKUM TITAN™	GREEN	Abrasive	 

## REFERENCE IMAGES

With recommended coupling **Teknikum TITAN™ Select**



Available also with **Teknikum PLUS™** flange system

