

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.

Hose has antistatic properties, 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
- EPDM and NBR material options
- Quick and easy installation
- Hoses can be cut on-site
- Complete with TITAN™ Select couplings

TECHNICAL PROPERTIES

Structure

- Tube: black NR 43 ShA
 - smooth
 - wear resistant
 - antistatic
- Reinforcement: textile and steel spiral
- Cover: black SBR
 - 20 % renewable raw materials
 - smooth
 - wear and weather resistant
 - antistatic
- Burst safety factor 2 x working press.

Temperature range

-40°C...+80°C.

Electrical properties

- 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 PLUS™ flange system.

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 	Working press. bar 	Vacuum max. bar 	Bending radius mm 	Weight kg/m 	Length m 
Teknikum TITAN™ A							
H4160040	40	64	10	0,9	120	2,2	40
H4160050	50	72	10	0,9	120	2,4	40
H4160063	63	82	10	0,9	140	2,7	40
H4160076	76	100	10	0,9	250	3,8	40
H4160080	80	100	10	0,9	250	4,3	40
H4160090	90	113	10	0,9	250	4,8	40
H4160102	102	125	10	0,9	250	5,1	20
H4160115	115	141	10	0,9	300	6,5	20
H4160127	127	154	10	0,9	350	6,9	20
H4160152	152	178	10	0,9	650	9,1	20
H4160180	180	212	10	0,9	1000	14,3	10
H4160203	203	238	10	0,9	1200	17,7	10
H4160253	253	291	10	0,5	1500	20,8	10
H4160300	300	341	10	0,5	1500	25,9	10
H4160305	305	341	10	0,5	1500	25,9	10
H4160350	350	403	10	0,5	2000	39,2	10
H4160405	405	456	5	0,5	2300	43,1	10
H4160450	450	508	5	0,5	3000	52,0	10
H4160508	508	558	5	0,5	4000	67,0	10
H4160600	600	664	5	0,5	5000	82,0	10

Other dimensions available on request.

MARKINGS

	TEKNIKUM TITAN™	GREEN	Abrasive	  MADE IN FINLAND
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REFERENCE IMAGES

With recommended coupling **Teknikum TITAN® Select**



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

