

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



REFERENCE IMAGES

With recommended coupling **Teknikum TITAN® Select**



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

