

Teknikum® TITAN™ VALVE HOSE



APPLICATIONS

Teknikum TITAN™ Valve hoses are used in concentration plants, paper and cellulose mills as a dosage and regulation valves. The hoses require a metal choke device when used as a valve. Available in different rubber materials and also with opening tabs.

The hose bends come with rubber flanges and steel support flanges. Available also with other connector systems according to the applications and conditions. Please check the suitable couplings and flanges options below.

Available in a wide range of customized dimensions and rubber materials. NR (wear resistant), EPDM (chemical resistant) or NBR (oil resistant). NR-hose version comes with a electrical conductivity and increased safety against ESD.

ADVANTAGES

- Safe and durable material handling hose
- Excellent resistance to abrasion and weather
- Eliminates vibrations and noise
- ESD protection with NR
- EPDM and NBR material options
- Quick and easy installation

TECHNICAL PROPERTIES

Structure

- Tube: black NR 60 ShA
 - smooth
 - wear resistant
 - antistatic
- Reinforcement
 - textile
- Cover: black NR 60 ShA
 - wear and weather resistant
 - antistatic
- Burst safety factor 2 x working press.

Temperature range

- NR / SBR -40°C - +70°C.
- NBR -40°C - +90°C.
- EPDM -40°C - +100°C.

Electrical properties

Teknikum TITAN™:

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

SUITABLE COUPLINGS AND FLANGES

Standard hose is made with Teknikum® Flange connection. Supporting flanges or drilling are not included in product prices.

See connecting versions details in:

- **Teknikum® Flange** datasheet.

3D-model library for connecting hoses

www.teknikum.com/3D

MANUFACTURER

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More information

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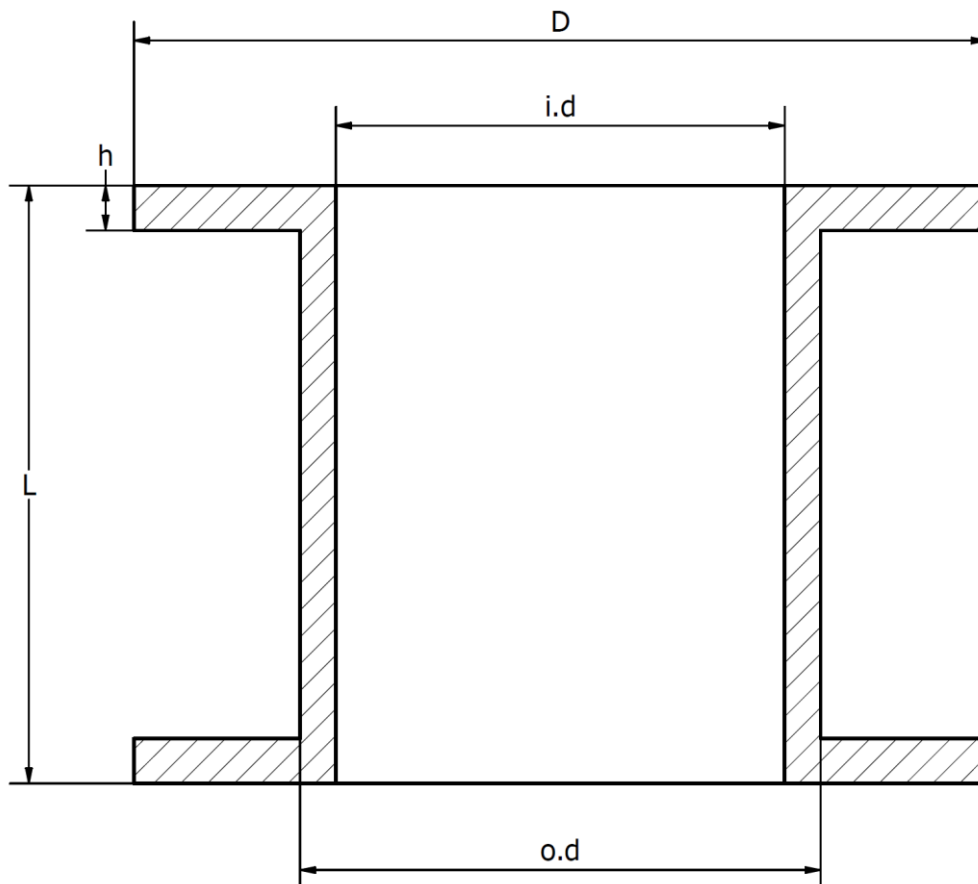






SCIENCE
BASED
TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

ORDER REFERENCE & DIMENSIONS

Standard measures on the below table and customized measures apply also to NBR (product code starting HLSS) and EPDM valve hose (product code starting HLSE).



Product code 	Ø i.d mm 	Ø o.d mm 	Ø D mm	h mm	L mm	Working press. MPa 	Weight kg/pc 
HLSR16025	25	40	115	10	200	16	0,4
HLSR16032	32	52	142	10	200	16	0,6
HLSR16040	40	55	152	10	200	16	0,7
HLSR06050	50	67	165	10	210	6	0,8
HLSR16050	50	67	165	10	200	16	0,8
HLSR16065	65	79	185	10	200	16	1,0
HLSR16080	80	103	200	12	250	16	1,6
HLSR06100	100	121	220	13	360	6	2,5
HLSR16100	100	121	220	13	300	16	2,7
HLSR16125	125	149	250	14	350	16	4,3
HLSR06150	150	174	285	15	415	6	4,4
HLSR16150	150	174	285	15	400	16	5,6
HLSR06200	200	226	340	16	610	6	7,9
HLSR10200	200	226	340	16	550	10	12,1
HLSR06250	250	276	395	16	700	6	10,9
HLSR10250	250	276	395	16	650	10	17,9
HLSR10300	300	330	445	16	800	10	27,2

*Ask for more information, also other dimensions available on request.

REFERENCE IMAGES

With **Teknikum® Support**
Flange coupling

