

Teknikum® TITAN™ 90° HOSE BEND



APPLICATIONS

Teknikum TITAN™ 90° hose bends are used in tight spaces where basic material handling hoses cannot bend enough. The hose bends are designed for hydraulic transportation of abrasive materials and suitable for many circumstances where the hose must resist wear, movement, vibration and heat expansions.

The hose bends come with rubber flanges and steel support flanges. Available also with PLUS™ flange system. Please check the suitable couplings and flanges options below.

Available in a wide range of customized dimensions and rubber materials (SBR, NBR or EPDM rubber).

Teknikum TITAN™ hoses can also be made of EPDM (chemical resistant) or NBR (oil resistant) rubber materials.

ADVANTAGES

- Safe and durable material handling hose bend
- Excellent resistance to abrasion and weather
- Eliminates vibrations and noise
- ESD protection with Antistatic version
- Excellent resistance to abrasion and weather (The outer curve of the hose bend is made +50% of wear resistant inner rubber)

- NR, SBR, EPDM and NBR material options
- Quick and easy installation

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 from i.d. 300mm
- Cover: black SBR 60 ShA
 - wear and weather resistant
 - antistatic
- Burst safety factor 2 x working press.

Temperature range

- NR / SBR -40°C - +80°C.
- NBR -40°C - +90°C.
- EPDM -40°C - +100°C.

Electrical properties

Teknikum TITAN™:

- Conductive cover $R \leq 10^6 \Omega$ / length
- Conductive through the hose wall $R \leq 10^9 \Omega$ (Antistatic version only)

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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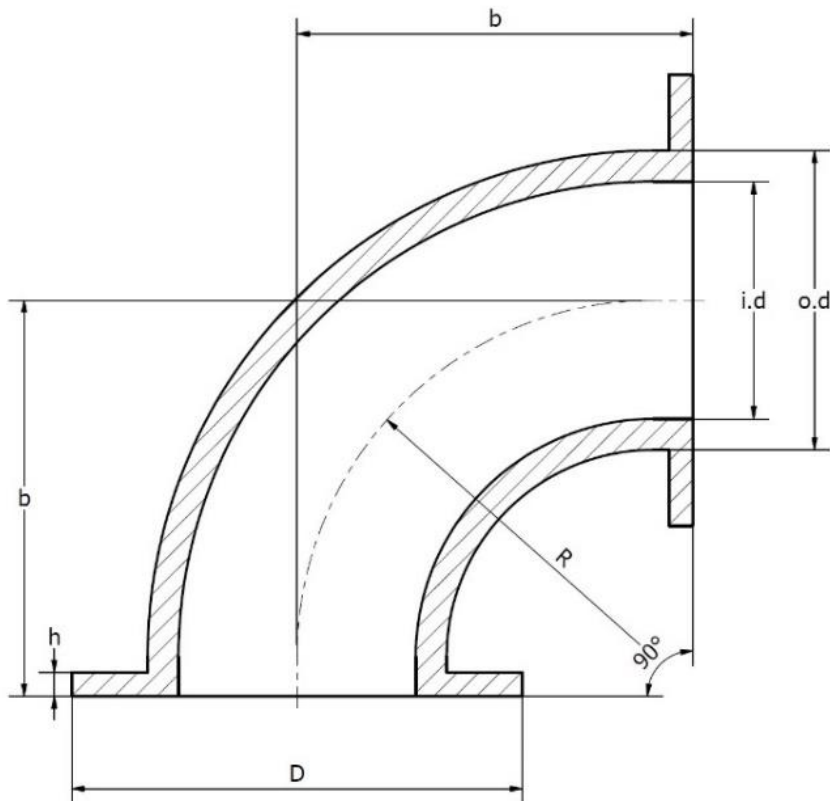
SCIENCE
BASED
TARGETS






DRIVING AMBITIOUS CORPORATE CLIMATE ACTION



ORDER REFERENCE & DIMENSIONS

Standard measures on the below table and customized measures apply also to NBR (product code starting HLGS) and EPDM hose bends (product code starting HLGE).



Product code	Ø i.d mm	Ø o.d mm	Ø D mm	h mm	R mm	b mm	Working press. bar	Weight kg/pc
								
LGR10025	25	41	115	12	110	150	10	0,70
LGR10032	32	50	140	12	110	150	10	0,80
LGR10040	40	56	150	12	110	150	10	0,90
LGR10050	50	72	165	10	110	150	10	1,00
LGR10063	63	85	185	10	110	165	10	1,30
LGR10075	75	97	195	12	135	175	10	1,60
LGR10100	100	130	220	13	155	200	10	2,80
LGR10125	125	155	253	16	177,5	225	10	3,80
LGR10150	150	189	285	15	225	250	10	5,60
LGR06200	200	236	340	16	245	300	6	9,60
LGR06250	250	284	395	16	290	350	6	13,0
LGR06300	300	336	445	16	335	400	6	17,8
LGR06350	350	390	505	16	380	450	6	18,5
LGR06400	400	440	565	16	425	500	6	35,0
LGR06450	450	490	615	16	485	550	6	44,0
LGR06500	500	540	670	16	515	600	6	53,0

REFERENCE IMAGES

With recommended coupling
Teknikum® Support Flange

