

## Nozzle liners and dip pipes



## PTFE-Nozzle liner (PN 10)

PTFE nozzle liners protect tank walls during the filling of corrosive media.



## PTFE-Nozzle liner (PN 10)

Lining-materials:

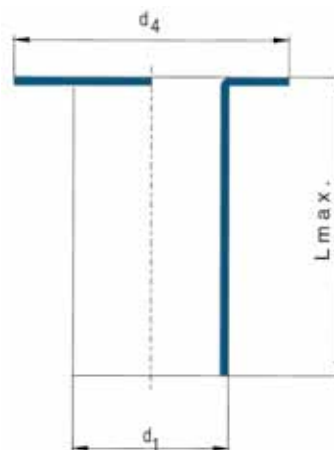
- PTFE (virgin or conductive)

Different lining thicknesses on request.

Other pressure rates:

- PN 16
- PN 25
- PN 40

Different external diameter of the pipe and flaring diameter on request.



DN	L <sub>max.</sub> (mm)	d <sub>1</sub> (mm)	Allo- wance ± (mm)	d <sub>4</sub> (mm)	Weight (ca. kg/m)
25	6000	21	2	62	0,2
32	6000	29	2	78	0,3
40	6000	34	2	88	0,4
50	6000	46	3	102	0,6
65	6000	59	4	122	0,9
80	6000	74	4	138	1,2
100	6000	94	5	158	1,6
125	6000	120	5	188	2,0
150	6000	144	5	212	2,1
200	6000	186	6	268	3,8
250	3000	231	10	320	4,2
300	3000	288	10	370	6,3
350	3000	315	10	430	7,1
400	2000	370	10	482	7,9
500	2000	470	10	585	18,5

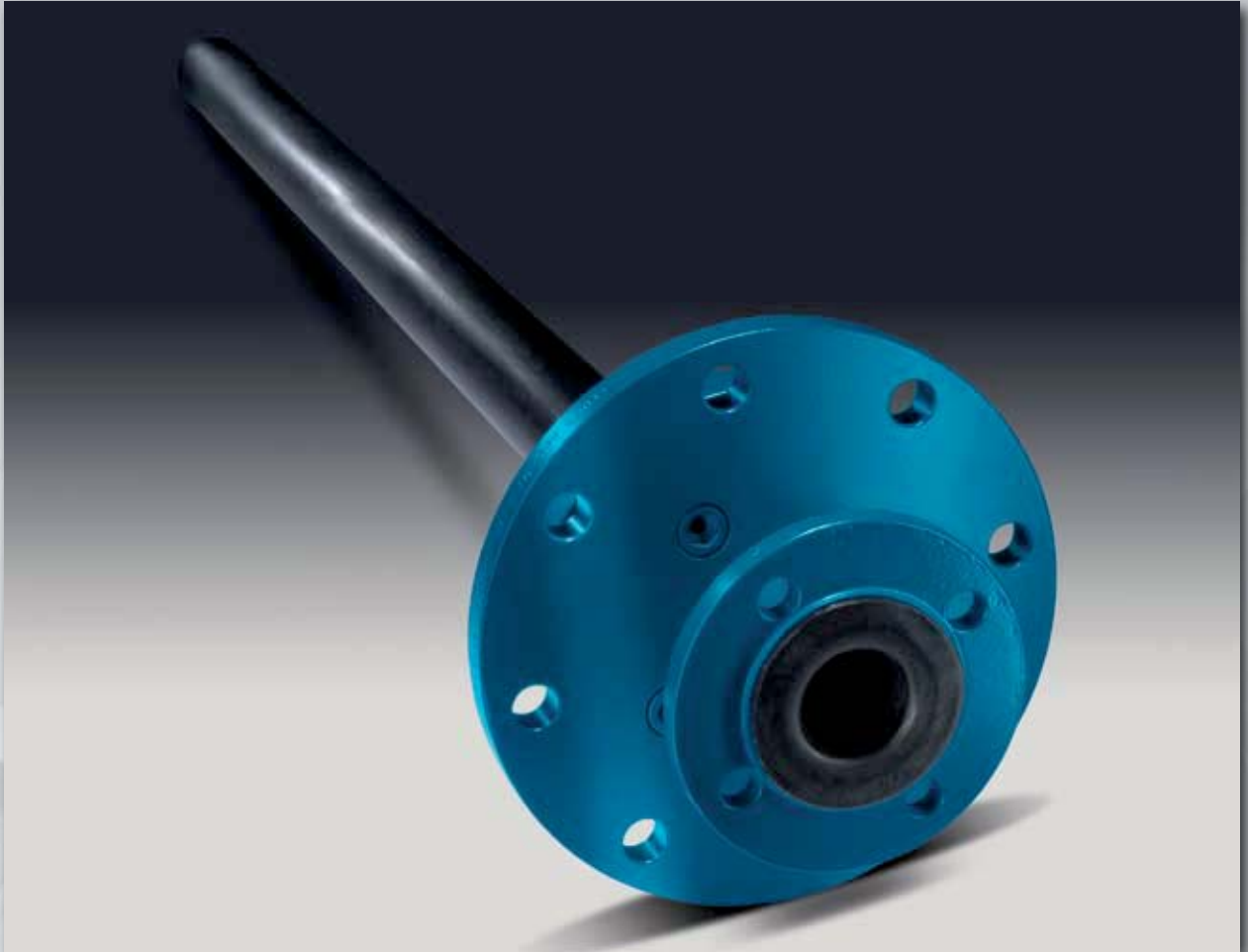
L = Total length

d<sub>1</sub> = External diameter of the pipe

d<sub>4</sub> = Flaring diameter

## PTFE-Lined Dip Pipe (PN 10)

Dip pipes allow the precise feeding of corrosive media into tanks. Nozzle heads additionally offer the possibility of a directed dispersion of the medium.



# PTFE-Lined Dip Pipe (PN 10)

Lining-Materials:  
 • PTFE (virgin or conductive)

Different lining thicknesses on request.

Executions:  
 • welded  
 • seamless

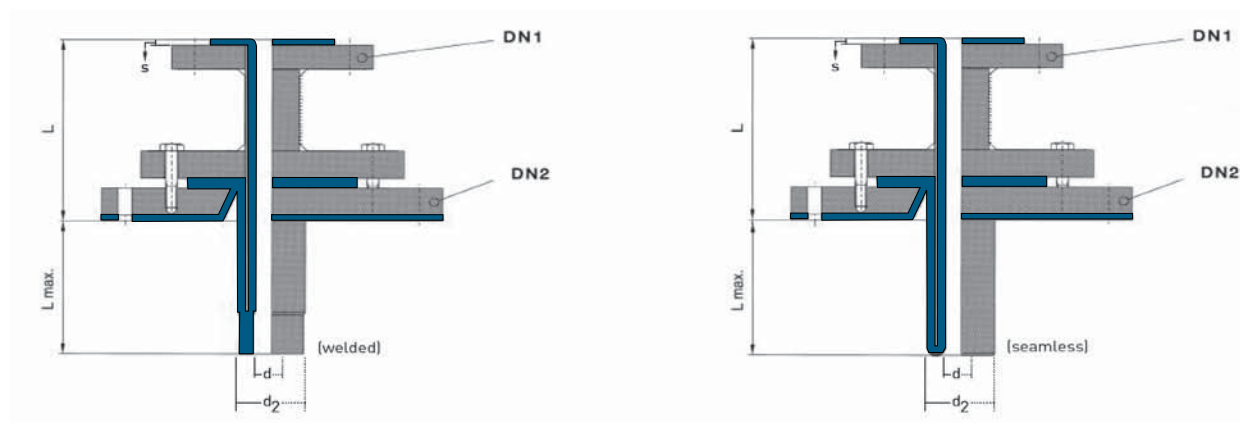
Other pressure rates:  
 • PN 16  
 • PN 25  
 • PN 40

Material: carbon steel and stainless steel

Special features: earthing studs, earthing lugs, flange stopper, final painting, with nozzle head, bended type.

Please indicate the type of lining (welded/seamless).

## for calm vessels (standard type)



DN <sub>1</sub>	Steel pipe Outer diam. x wall	DN <sub>2</sub>	L <sub>Kopf</sub> (mm)	L <sub>max.</sub> (mm)		s (mm)	d (mm)	d <sub>2</sub> (mm)
				welded	seamless			
25	33,7 x 2,6	Please indicate with your order	150	5500	2800	3,5	26,7	40,7
32	42,4 x 2,6		150	5500	2800	4	34,4	50,4
40	48,3 x 2,6		150	5500	2800	4	40,3	56,3
50	60,3 x 2,9		150	5500	2800	4	52,3	68,3
65	76,1 x 2,9		150	5500	2800	4	68,1	84,1
80	88,9 x 3,2		150	5500	2800	4	80,9	96,9
100	114,3 x 3,6		150	5000	2500	5	104,3	124,3
125	139,7 x 4,0		150	5000	2500	4,5	130,7	148,7
150	168,3 x 4,5		150	5000	2500	5	158,3	178,3
200	219,1 x 6,3		150	4000	2000	5	209,1	229,1
250	273,0 x 6,3		150	3000	1500	6	261,0	285,0
300	323,9 x 7,1		150	3000	1500	6	311,9	335,9
350	355,6 x 8,0		150	2000	-----	6	343,6	367,6
400	406,4 x 8,8		150	2000	-----	5	396,4	416,4

L = Total length  
 s = Lining thickness  
 d = Internal diameter of the pipe  
 d<sub>2</sub> = External diameter of the pipe

# PTFE-Lined Dip Pipe (PN 10)

Lining-materials:

- PTFE (virgin or conductive)

Different lining thicknesses on request.

Types:

- welded
- seamless

Other pressure rates:

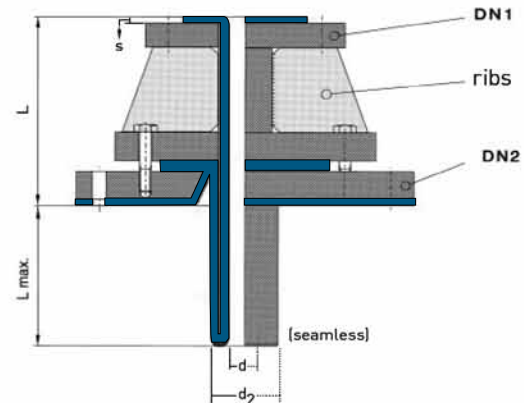
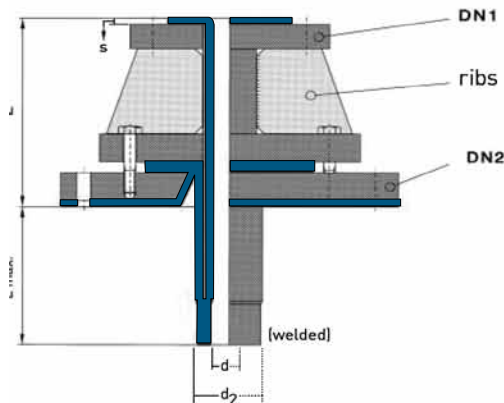
- PN 16
- PN 25
- PN 40

Material: carbon steel and stainless steel

Special features: earthing studs, earthing lugs, flange stopper, final painting, with nozzle head, bended type.

Please indicate the type of lining (welded/seamless).

## for agitated vessels (reinforced)



DN <sub>1</sub>	Steel pipe Outer diam. x wall	DN <sub>2</sub>	L <sub>Kopf</sub> (mm)	L <sub>max.</sub> (mm)		s (mm)	d (mm)	d <sub>2</sub> (mm)
				welded	seamless			
25	33,7 x 4,0	Please indicate with your order	150	5000	---	3,5	26,7	40,7
32	42,4 x 6,3		150	5000	---	4	34,4	50,4
40	48,3 x 6,3		150	5000	---	4	40,3	56,3
50	60,3 x 8,0		150	5000	---	4	52,3	68,3
65	76,1 x 10,0		150	5000	---	4	68,1	84,1
80	88,9 x 10,0		150	5000	---	4	80,9	96,9
100	114,3 x 10,0		150	4000	---	5	104,3	124,3
125	139,7 x 10,0		150	4000	---	4,5	130,7	148,7
150	168,3 x 16,0		150	4000	---	5	158,3	178,3
200	219,1 x 16,0		150	4000	---	5	209,1	229,1
250	273,0 x 16,0		150	3000	---	6	261,0	285,0
300	323,9 x 16,0		150	3000	---	6	311,9	335,9

L = Total length  
s = Lining thickness  
d = Internal diameter of the pipe  
d<sub>2</sub> = External diameter of the pipe