

## **PTFE chemical hose-smooth bore with annularly corrugating and wire braid (Class 150)**

The annularly corrugated hose shows a multitude of self-contained and parallel metal convolutes in equal distance. The annularly corrugated hose has a braiding to increase the pressure resistance. It has a straight PTFE lining.



# PTFE chemical transfer hose-smooth bore with annularly corrugating and wire braid (Class 150)

Lining material:

- PTFE (virgin or conductive)

Different lining thicknesses on request.

Flange design:

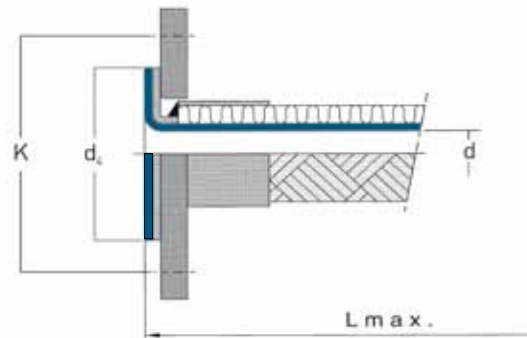
- fix-fix
- fix-loose
- loose-loose

Other pressure rates:

- Class 300

Material: carbon steel and stainless steel

Special features: earthing studs, earthing lugs, flange stopper, final painting.



NPS	L <sub>max.</sub> (mm)	d (mm)	Bend-radius min. (mm)	Working-pressure max. 10 <sup>5</sup> Pa	d <sub>4</sub> (mm)	K (mm)	Screws	Weights	
								Hose (ca. kg/m)	Flange (ca. kg/side)
1/2"	5000	21	350	25	35,1	60,5	4 x 1/2" UNC	0,8	1,2
1 1/4"	5000	27	400	20	63,5	88,9	4 x 1/2" UNC	1,0	1,7
1 1/2"	5000	33	550	16	73,2	98,6	4 x 1/2" UNC	1,6	1,9
2"	5000	45	750	16	91,9	120,7	4 x 5/8" UNC	1,6	2,4
2 1/2"	5000	58	1000	14	104,6	139,7	4 x 5/8" UNC	1,8	3,4
3"	5000	73	1300	12	127,0	152,5	4 x 5/8" UNC	2,6	3,8
4"	5000	97	1500	10	157,2	190,5	8 x 5/8" UNC	3,45	4,2
5"	5000	120	1800	10	185,7	215,9	8 x 3/4" UNC	5,8	5,2
6"	5000	142	2000	10	215,9	241,3	8 x 3/4" UNC	8,2	6,4
8"	5000	192	2500	10	269,7	298,5	8 x 3/4" UNC	11,0	7,8

L = Length

D = Outer diameter

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

K = Bolt circle