

TYP-STANDARD VECKPROFIL,Stainless steel corrugated hose made of the material 1.4541/1.4404 (AISI 321/316L) with one (two) or without braid material 1.4301/1.4404 (AISI 304/316L)

Dia- meter	ID mm	Outer diameter				Max. tol. operating pressure at 20°C							Bending radius		Weight 1 braid kg/m
		without braid mm	allow- ance mm	1 braid mm	2 braids mm	without braid bar	1 braid SF3 bar	1 braid SF4* bar	burst pressure bar	2 braids SF3 bar	2 braids SF4* bar	burst pressure bar	static mm	dynamic mm	
6	6.1	9.8	±0.2	10.7	11.6	5	226	170	680	363	272	1088	25	80	0.16
8	8.2	12.1	±0.2	13.6	15.1	5	183	138	550	293	220	880	32	124	0.21
10	10.0	14.2	±0.2	5.6	17.0	5	113	85	340	181	136	544	38	130	0.24
12	12.2	16.7	±0.2	18.3	19.9	5	116	88	350	187	140	560	45	140	0.28
16	16.2	21.5	±0.2	23.8	26.1	5	67	50	200	107	80	320	58	160	0.43
20	20.3	26.7	±0.2	28.6	30.5	3	67	50	200	107	80	320	70	170	0.53
25	25.4	32.3	±0.3	34.3	36.3	3	70	53	210	112	84	336	85	190	0.83
32	34.3	41.1	±0.3	43.1	45.1	3	62	46	185	99	74	296	105	260	0.97
40	40.0	49.6	±0.3	51.9	54.2	2	46	35	140	75	56	224	130	300	1.74
50	50.2	60.5	±0.4	62.4	64.3	2	35	26	105	56	42	168	160	320	2.05
65	67.5	84.0	±0.4	86.0	88.0	1	33	25	100	53	40	160	175	500	2.60
80	80.5	98.0	±0.5	102.2	106.4	1	29	22	86	46	34	137.6	200	600	3.20
100	104.0	124.0	±0.5	126.2	128.4	1	24	18	70	37	28	112	250	700	4.40
125	129.8	153.0	±0.6	155.5	158.0	0.5	20	15	60	32	24	96	325	900	5.75
150	152.7	178.0	±1.4	180.5	183.0	0.5	15	12	46	25	18	73.6	375	1000	6.90
200	202.7	232.0	±1.6	235.0	238.0	0.5	13	10	41	22	16	65.6	450	1100	11.20
250	252.5	286.0	±1.6	289.0	292.0	0.5	8	6	24	13	10	38.4	550	1200	16.00

* = SF4 in accordance with DIN EN ISO 10380

Correction factor for temperature

TEMPERATURE	MATERIAL	
	AISI 321	AISI 316
-200 up to 20 °C	1.00	1.00
20 °C	1.00	1.00
50 °C	0.93	0.90
100 °C	0.83	0.73
150 °C	0.78	0.67
200 °C	0.74	0.61
250 °C	0.70	0.58
300 °C	0.66	0.53
350 °C	0.64	0.51
400 °C	0.62	0.50
450 °C	0.60	0.49
500 °C	0.59	0.47
550 °C	0.58	0.47
600 °C	A	A
650 °C	A	-

CONSIDER WELDING METHOD



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