

1.1 Hygienic, ISO 2037

The installation material in this section is manufactured to meet ISO 2037 tube dimensions.



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Tubes of manufacturing lengths of approx 6 meters
 Product code: 5102
 According to standard: ISO 2037

Finish: BD and BC

Material Item No.	PPL EUR pr. meter	Material Item No.	PPL EUR	Size	Dimension (mm)	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	BD finish Inch tubes ISO 2037
9611819010	*	9611819210	*	25	25/22.6 x 1.2	
9611819020	*	9611819220	*	32	32/29.6 x 1.2	
9611819030	*	9611819230	*	38	38/35.6 x 1.2	
9611819060	*	9611819260	*	51	51/48.6 x 1.2	
9611819090	*	9611819280	*	63.5	63.5/60.3 x 1.6	
9611819101	*	9611819290	*	76.1	76.1/72.9 x 1.6	
9611819120	*	9611819310	*	101.6	101.6/97.6 x 2.0	
						BC finish Inch tubes ISO 2037
9611819008	*	9611819868	*	25	25/22.6 x 1.2	
9611819862	*	9611819869	*	32	32/29.6 x 1.2	
9611819863	*	9611819870	*	38	38/35.6 x 1.2	
9611819864	*	9611819871	*	51	51/48.6 x 1.2	
9611819865	*	9611819872	*	63.5	63.5/60.3 x 1.6	
9611819866	*	9611819873	*	76.1	76.1/72.9 x 1.6	
9611819867	*	9611819874	*	101.6	101.6/97.6 x 2.0	
						BD finish Inch tubes ISO 2037 H3 execution**
9614042502	*	9614042509	*	25	25 x 1.2	
9614042503	*	9614042510	*	32	32 x 1.2	
9614042504	*	9614042511	*	38	38 x 1.2	
9614042505	*	9614042512	*	51	51 x 1.2	
9614042506	*	9614042513	*	63.5	63.5 x 1.6	
9614042507	*	9614042514	*	76.1	76.1 x 1.6	
9614042508	*	9614042515	*	101.6	101.6 x 2	
						BC finish Inch tubes ISO 2037, H3 execution**
9614042501	*	9614042522	*	25	25 x 1.2	
9614042516	*	9614042523	*	32	32 x 1.2	
9614042517	*	9614042524	*	38	38 x 1.2	
9614042518	*	9614042525	*	51	51 x 1.2	
9614042519	*	9614042526	*	63.5	63.5 x 1.6	
9614042520	*	9614042527	*	76.1	76.1 x 1.6	
9614042521	*	9614042528	*	101.6	101.6 x 2	

* PPL prices are updated monthly

** H3 execution = Inside surface texture (Ra μm) including welded area ≤ 0.8 (EHEDG certified)

Please contact your Alfa Laval contact person for further information.

Material Item No.	PPL EUR	Size	Dimension (mm)				
1.4404 (316L)		mm	OD ₁ /ID ₁ x t ₁	OD ₂ /ID ₂ x t ₂	L	Concentric reducer	
3131708951	14.73	38/25	25/22.6 x 1.2	38/35.6 x 1.2	44.0		
3131708952	26.07	51/25	25/22.6 x 1.2	51/48.6 x 1.2	86.0		
3131708953	17.95	51/38	38/35.6 x 1.2	51/48.6 x 1.2	42.0		
3131708954	27.7	63.5/38	38/35.6 x 1.2	63.5/61.1 x 1.2	82.0		
3131708955	20.81	63.5/51	51/48.6 x 1.2	63.5/61.1 x 1.2	40.0		
3131708956	30.86	76.1/51	51/48.6 x 1.6	76.1/72.9 x 1.6	79.0		
3131708957	24.77	76.1/63.5	63.5/60.3 x 1.6	76.1/72.9 x 1.6	39.0		
3131708958	34.44	101.6/76.1	76.1/72.9 x 2.0	101.6/97.6 x 2.0	81.0		
							Eccentric reducer
3131708961	26.4	38/25	25/22.6 x 1.2	38/35.6 x 1.2	44.0		
3131708962	59.42	51/25	25/22.6 x 1.2	51/48.6 x 1.2	86.0		
3131708963	28.29	51/38	38/35.6 x 1.2	51/48.6 x 1.2	42.0		
3131708964	59.42	63.5/38	38/35.6 x 1.2	63.5/61.1 x 1.2	82.0		
3131708965	31.19	63.5/51	51/48.6 x 1.2	63.5/61.1 x 1.2	40.0		
3131708966	34.44	76.1/51	51/48.6 x 1.6	76.1/72.9 x 1.6	79.0		
3131708967	32	76.1/63.5	63.5/60.3 x 1.6	76.1/72.9 x 1.6	39.0		
3131708968	50.65	101.6/76.1	76.1/72.9 x 2.0	101.6/97.6 x 2.0	81.0		

NOTE: For pressure and surface, please see product leaflet.

Item No.	PPL EUR	Item No.	PPL EUR	Size	Dimension (mm)			
1.4307 (304L)		1.4404 (316L)		mm	OD ₁ /ID ₁ x t ₁	OD ₂ /ID ₂ x t ₂	L	Concentric reducer
9612928250	25.85	9612928259	28.43	38.1/25.4	38.1/34.9 x 1.6	25.4/22.2 x 1.6	40.0	
9612928251	37.42	9612928260	41.16	50.8/25.4	50.8/47.6 x 1.6	25.4/22.2 x 1.6	80.0	
9612928252	24.2	9612928261	26.62	50.8/38.1	50.8/47.6 x 1.6	38.1/34.9 x 1.6	41.0	
9612928253	37.91	9612928262	41.7	63.5/38.1	63.5/60.3 x 1.6	38.1/34.9 x 1.6	80.0	
9612928254	26.3	9612928263	28.93	63.5/50.8	63.5/60.3 x 1.6	50.8/47.6 x 1.6	38.0	
9612928255	47.4	9612928264	52.14	76.1/50.8	76.1/73.0 x 1.6	50.8/47.6 x 1.6	76.0	
9612928256	38.24	9612928265	42.06	76.1/63.5	76.1/73.0 x 1.6	63.5/60.3 x 1.6	36.0	
9612928257	60.5	9612928266	66.55	101.6/76.1	101.6/97.6 x 2.0	76.2/73.0 x 1.6	77.0	
9612928258	75.89	9612928267	83.48	101.6/63.5	101.6/97.6 x 2.0	63.5/60.3 x 1.6	108.0	
Concentric reducer								
		9612928274	23.46	38.1/25.4	38.1/34.9 x 1.6	25.4/22.2 x 1.6	97.0	
		9612928275	38.46	50.8/38.1	50.8/47.6 x 1.6	38.1/34.9 x 1.6	97.0	
		9612928276	50.87	50.8/25.4	50.8/47.6 x 1.6	25.4/22.2 x 1.6	115.0	
		9612928277	34.37	63.5/50.8	63.5/60.3 x 1.6	50.8/47.6 x 1.6	97.0	
		9612928278	60.86	63.5/38.1	63.5/60.3 x 1.6	38.1/34.9 x 1.6	120.0	
		9612928279	49.06	76.2/63.5	76.1/73.0 x 1.6	63.5/60.3 x 1.6	97.0	
		9612928280	62.95	76.2/50.8	76.1/73.0 x 1.6	50.8/47.6 x 1.6	115.0	
		9612928281	65.11	76.2/38.1	76.1/73.0 x 2.0	38.1/34.9 x 1.6	130.0	
		9612928282	77.08	101.6/76.2	101.6/97.6 x 2.0	76.2/73.0 x 1.6	120.0	
		9612928283	88.36	101.6/63.5	101.6/97.6 x 2.0	63.5/60.3 x 1.6	140.0	
		9612928284	100.71	101.6/50.8	101.6/97.6 x 2.0	50.8/47.6 x 1.6	150.0	
Eccentric reducer								
		9612928285	28.34	38.1/25.4	38.1/34.9 x 1.6	25.4/22.2 x 1.6	100.0	
		9612928286	42.69	50.8/38.1	50.8/47.6 x 1.6	38.1/34.9 x 1.6	100.0	
		9612928287	36.05	50.8/25.4	50.8/47.6 x 1.6	25.4/22.2 x 1.6	120.0	
		9612928288	49.44	63.5/50.8	63.5/60.3 x 1.6	50.8/47.6 x 1.6	105.0	
		9612928289	46.35	63.5/38.1	63.5/60.3 x 1.6	38.1/34.9 x 1.6	140.0	
		9612928290	59.44	76.2/63.5	76.1/73.0 x 1.6	63.5/60.3 x 1.6	105.0	
		9612928291	53.56	76.2/50.8	76.1/73.0 x 1.6	50.8/47.6 x 1.6	135.0	
		9612928292	71.07	101.6/76.2	101.6/97.6 x 2.0	76.2/73.0 x 1.6	135.0	
		9612928293	66.95	101.6/63.5	101.6/97.6 x 2.0	63.5/60.3 x 1.6	170.0	
		9612929372	87.55	104/76.1	104/100 x 2.0	76.2/73 x 1.6	135.0	
		9612929373	73.94	104/63.5	104/100 x 2.0	63.5/60.3 x 1.6	170.0	

NOTE: For pressure and surface, please see product leaflet.

Wall thickness is not according to ISO 2037.

Product code: 5004

Finish: OD: Semi bright
ID: Semi bright

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	L	L ₁	R	Bend 90° - (R = 1 x D)
190683	8.98	191507	11.22	25	25/22.6 x 1.2	55.0		25.0	
3131902101	11.27	3131902111	14.26	38	38/35.6 x 1.2	70.0		38.0	
3131902181	13.37	3131902191	16.55	51	51/48.6 x 1.2	82.0		51.0	
3131902261	18.84	3131902271	23.51	63.5	63.5/60.3 x 1.6	105.0		64.0	
3131902341	31.66	3131902351	39.18	76.1	76.0/72.0 x 2.0	110.0		76.0	
Bend 90° - (R = 1 x D)									
190941	72.57	191699	79.83	25	25/22.6 x 1.2	55.0	255.0	25.0	
3131902661	74.74	3131902671	82.22	38	38/35.6 x 1.2	70.0	270.0	38.0	
3131902741	99.78	3131902751	109.76	51	51/48.6 x 1.2	82.0	282.0	51.0	
3131902821	138.44	3131902831	152.28	63.5	63.5/60.3 x 1.6	105.0	305.0	64.0	
3131902901	189.06	3131902911	207.96	76.1	76.1/72.1 x 2.0	110.0	310.0	76.0	
3131907231	384.82	3131907232	423.3	101.6	101.6/97.6 x 2.0	150.0	350.0	149.0	
According to standard: ISO 2851									
Bend 90° - (R = 1.5 x D)									
9611310010	9.87	9611310011	12.29	25	25/22.6 x 1.2	65.0		37.5	
9611310020	12.7	9611310021	15.45	38	38/35.6 x 1.2	85.0		57.0	
9611310030	14.58	9611310031	18.5	51	51/48.6 x 1.2	110.0		76.5	
9611310040	20.47	9611310041	25.33	63.5	63.5/60.3 x 1.6	135.0		95.3	
9611310050	33.76	9611310051	42.54	76.1	76.1/72.9 x 1.6	155.0		114.2	
9611310060	62.13	9611310061	78.33	101.6	101.6/97.6 x 2.0	195.0		152.5	
Bend 90° - (R = 1.5 x D)									
9611312661	8.98	9611312671	11.22	25	25/22.6 x 1.2	38.0		37.5	
9611312662	11.27	9611312672	14.26	38	38/35.6 x 1.2	57.0		57.0	
9611312663	13.37	9611312673	16.48	51	51/48.6 x 1.2	76.0		76.5	
9611312664	18.84	9611312674	23.51	63.5	63.5/60.3 x 1.6	95.0		95.3	
9611312665	31.66	9611312675	39.18	76.1	76.1/72.9 x 1.6	114.0		114.2	
9611312666	60.79	9611312676	75.63	101.6	101.6/97.6 x 2.0	152.0		152.5	

Bends

Product code: 5004

Finish: OD: Polished
ID: Raw

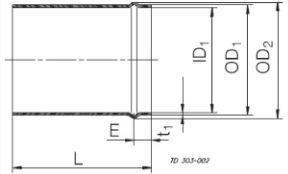
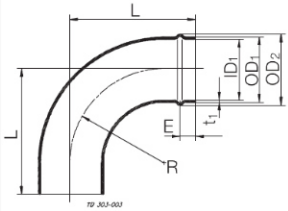
Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)			ID: Raw
1.4307 (304L)		1.4404 (316L)		mm	OD x t	L	R	Bend 90° - (R = 1 x D)
9612027715	9.87	9612027722	12.36	25	25.0 x 1.2	55.0	25.0	
9612027717	12.43	9612027724	15.67	38	38.0 x 1.2	70.0	38.0	
9612027718	14.73	9612027725	18.1	51	51.0 x 1.2	82.0	51.0	
9612027719	20.72	9612027726	25.86	63.5	63.5 x 1.6	105.0	64.0	
9612027720	35.11	9612027727	43.22	76.1	76.1 x 2.0	110.0	76.0	
1.4307 (304L)		1.4404 (316L)						Bend 90° - (R = 1.5 x D)
9613404201	10.3	9613404207	12.36	25	25/22.6 x 1.2	38.0	37.5	
9613404202	12.43	9613404208	15.67	38	38/35.6 x 1.2	57.0	57.0	
9613404203	15.64	9613404209	22.61	51	51/48.6 x 1.2	76.0	76.5	
9613404204	20.72	9613404210	31.98	63.5	63.5/60.3 x 1.6	95.0	95.3	
9613404205	35.11	9613404211	43.22	76.1	76.1/72.9 x 1.6	114.0	114.2	
9613404206	68.89	9613404212	83.05	101.6	101.6/97.6 x 2.0	152.0	152.5	
								Bend 90° - (R = 3 x D)
		9612928268	12.36	25.4	25.4/22.9 X 1.25	115.0	75.0	
		9612928269	14.92	31.8	31.8/29.3 X 1.25	136.0	93.0	
		9612928270	18.77	38.1	38.1/35.6 X 1.25	140.0	115.0	
		9612928271	24.87	50.8	50.8/48.3 X 1.25	225.0	150.0	
		9612928272	42.14	63.5	63.5/60.5 X 1.50	240.0	185.0	
		9612928273	93.1	76.0	76.0/72.8 X 1.60	250.0	215.0	

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)			Finish: OD: Semi bright ID: Semi bright
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	L ₁	L ₂	Bend 45°, OD/ID: Semi bright
9611300661	11.68	9611300809	14.58	25	25/22.6 x 1.2	70.0	47.0	
9611300662	13.37	9611300810	16.48	38	38/35.6 x 1.2	87.0	63.0	
9611300663	15.34	9611300811	18.84	51	51/48.6 x 1.2	119.5	86.5	
9611300664	19.92	9611300812	25.18	63.5	63.5/60.3 x 1.6	136.0	101.0	
9611300665	36.46	9611300813	45.24	76.1	76.1/72.1 x 2.0	157.0	119.0	
9611300778	73.61	9611300667	90.49	101.6	101.6/97.6 x 2.0	226.5	166.0	
								Bend 45°, OD/ID: Polished
9613404301	12.82	9613404307	16.07	25	25/22.6 x 1.2	70.0	47.0	
9613404302	14.73	9613404308	18.1	38	38/35.6 x 1.2	87.0	63.0	
9613404303	16.89	9613404309	20.72	51	51/48.6 x 1.2	119.5	86.5	
9613404304	21.96	9613404310	27.7	63.5	63.5/60.3 x 1.6	136.0	101.0	
9613404305	39.84	9613404311	49.98	76.1	76.1/72.1 x 2.0	157.0	119.0	
9613404306	81.03	9613404312	99.26	101.6	101.6/97.6 x 2.0	226.5	166.0	

NOTE: For pressure and surface, please see product leaflet.

Product code: 5086, 5018

Finish: OD: Semi bright
ID: Semi bright

Material Item No.	PPL EUR	Size	Dimension (mm)					
1.4404 (316L)		mm	OD ₁ /ID ₁ x t ₁	OD ₂	E	L	R	Hose liner, straight
Product code: 5086								
191570	13.7	25	25/22.6 x 1.2	29.0	10.0	42.5		
191572	20.37	38	38/35.6 x 1.2	42.0	10.0	71.0		
191573	25.27	51	51/48.6 x 1.2	55.0	10.0	101.0		
191574	31.37	63.5	63.5/60.3 x 1.6	67.0	10.0	116.0		
191575	42.14	76.1	76.1/72.1 x 2.0	80.0	10.0	140.0		
3131708021	104.9	101.6	101.6/97.6 x 2.0	105.6	10.0	163.0		
Product code: 5018								
Hose liner, bend								
191596	18.17	25	25/22.6 x 1.2	29.0	10.0	55.0	25.0	
191598	22.28	38	38/35.6 x 1.2	42.0	10.0	70.0	38.0	
191599	31.32	51	51/48.6 x 1.2	55.0	10.0	82.0	51.0	
191600	64.47	63.5	63.5/60.3 x 1.6	67.0	10.0	105.0	63.5	
191601	99.45	76.1	76.1/72.1 x 2.0	80.0	10.0	110.0	76.0	
3131705681	246.79	101.6	101.6/97.6 x 2.0	105.6	10.0	150.0	150.0	

NOTE: For pressure and surface, please see product leaflet.

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	OD ₂ /ID ₂ x t ₂	L ₁	L ₂	Tee
190725	15.74	191652	19.86	25	25/22.6 x 1.2		55.0		
190727	21.55	191654	26.82	38	38/35.6 x 1.2		70.0		
190728	24.31	191655	30.46	51	51/48.6 x 1.2		82.0		
190729	35.79	191656	44.58	63.5	63.5/60.3 x 1.6		105.0		
190730	47.7	191657	56.05	76.1	76.1/72.1 x 2.0		110.0		
3131708511	135.12	3131708512	121.62	101.6	101.6/97.6 x 2.0		150.0		
Tee, short outlet									
9611302052	15.45	9611302155	19.11	25	25/22.6 x 1.2		55.0	27.0	
9611302053	17.49	9611302156	21.96	38	38/35.6 x 1.2		70.0	40.5	
9611302054	18.72	9611302157	22.97	51	51/48.6 x 1.2		82.0	54.5	
9611302055	26.68	9611302158	33.16	63.5	63.5/60.3 x 1.6		105.0	67.0	
9611302056	33.24	9611302159	41.88	76.1	76.1/72.1 x 2.0		110.0	81.0	
9611302057	78.8	9611302160	88.46	101.6	101.6/97.6 x 2.0		150.0	107.0	
Tee, reduced									
		1.4404 (316L)		mm	OD ₁ /ID ₁ x t ₁	OD ₂ /ID ₂ x t ₂	L ₁	L ₂	
		3131708061	22.5	51/38	51/48.6 x 1.2	38/35.6 x 1.2	82.0	70.0	
		3131708071	35.02	63.5/38	63.5/60.3 x 1.6	38/35.6 x 1.2	105.0	70.0	
		3131708081	41.2	63.5/51	63.5/60.3 x 1.6	51/48.6 x 1.2	105.0	82.0	
		3131708091	50.47	76.1/38	76.1/72.1 x 2.0	38.1/34.9 x 1.6	110.0	80.0	
		3131708101	53.56	76.1/51	76.1/72.1 x 2.0	50.8/47.6 x 1.6	110.0	82.0	
Tee, reduced, short outlet									
		3180190391	23.23	38/25	38/35.6 x 1.2	25/22.6 x 1.2	70.0	40.7	
		3180190392	27.01	51/25	51/48.6 x 1.2	25/22.6 x 1.2	82.0	54.1	
		3180190393	27.62	51/38	51/48.6 x 1.2	38/35.6 x 1.2	82.0	54.1	
		3180190394	34.44	63.5/25	63.5/60.3 x 1.6	25/22.6 x 1.2	105.0	66.5	
		3180190395	34.44	63.5/38	63.5/60.3 x 1.6	38/35.6 x 1.2	105.0	67.6	
		3180190396	41.88	63.5/51	63.5/60.3 x 1.6	51/48.6 x 1.2	105.0	66.5	
		3180190397	62.13	76.1/25	76.1/72.1 x 2.0	25/21.8 x 1.6	110.0	79.3	
		3180190398	42.54	76.1/38	76.1/72.1 x 2.0	38/34.8 x 1.6	110.0	80.6	
		3180190399	52	76.1/51	76.1/72.1 x 2.0	51/47.3 x 1.6	110.0	80.6	
		3180190401	42.54	76.1/63.5	76.1/72.1 x 2.0	63.5/60.3 x 1.6	110.0	80.0	
		3180190402	98.6	101.6/25	101.6/97.6 x 2.0	25/21.8 x 1.6	150.0	105.0	
		3180190403	78.33	101.6/38	101.6/97.6 x 2.0	38/34.8 x 1.6	150.0	106.6	
		3180190404	85.76	101.6/51	101.6/97.6 x 2.0	51/47.8 x 1.6	150.0	106.6	
		3180190405	79.88	101.6/63.5	101.6/97.6 x 2.0	63.5/60.3 x 1.6	150.0	106.6	
		3180190406	113.44	101.6/76.1	101.6/97.6 x 2.0	76.1/72.9 x 1.6	150.0	106.6	
		9612927740	103.29	104/25	104/100 x 2.0	25.4/21.4 x 2.0	150.0	108.0	
		9612927741	103.29	104/38	104/100 x 2.0	38.1/34.1 x 2.0	150.0	110.0	
		9612927742	126.28	104/51	104/100 x 2.0	50.8/46.8 x 2.0	150.0	110.0	
		9612927743	103.29	104/63.5	104/100 x 2.0	63.5/59.5 x 2.0	150.0	112.0	
		9612927744	103.29	104/76.1	104/100 x 2.0	76.1/72.1 x 2.0	150.0	112.0	

NOTE: For pressure and surface, please see product leaflet.

Product code: 5043

Finish: OD: Semi bright
Seals: Nitrile
Thread: RdG according to DIN 405

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t		A	B	Union
9611300382	35.84	9611330382	39.8	25	25/22.6 x 1.2		51.0	23.5	
9611300383	49.66	9611330383	51.43	38	38/35.6 x 1.2		74.0	30.0	
9611300384	42.9	9611330384	49.55	51	51/48.6 x 1.2		84.0	30.0	
9611300385	59.17	9611330385	69.53	63.5	63.5/60.3 x 1.6		100.0	33.0	
9611300386	73.22	9611330386	100.46	76.1	76.1/72.9 x 1.6		114.0	35.0	
9611300387	255.45	9611330387	286.54	101.6	101.6/97.6 x 2.0		154.0	48.0	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t		B	C	Male part
190711	11.09	191001	14.35	25	25/22.6 x 1.2		15.0	40 x 1/6	
190713	14.06	191003	17.52	38	38/35.6 x 1.2		20.0	60 x 1/6	
190714	15.31	191004	19.37	51	51/48.6 x 1.2		20.0	70 x 1/6	
190715	21.31	191005	27.08	63.5	63.5/60.3 x 1.6		24.0	85 x 1/6	
190716	25.15	191006	32.02	76.1	76.1/72.9 x 1.6		24.0	98 x 1/6	
3131708171	55.48	3131708173	70.28	101.6	101.6/97.6 x 2.0		35.0	132 x 1/6	
		1.4404 (316L)		mm	OD/ID x t		A	B	Liner, long.
		9611309611	11.91	25	25/22.6 x 1.2		35.5	17.0	
		9611309613	13.24	38	38/35.6 x 1.2		55.0	20.0	
		9611309614	14.95	51	51/48.6 x 1.2		65.0	20.0	
		9611309615	20.33	63.5	63.5/60.3 x 1.6		80.0	25.0	
		9611309616	24.85	76.1	76.1/72.9 x 1.6		93.0	30.0	
		9611309617	46.6	101.6	101.6/97.6 x 2.0		127.0	35.0	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t		A	B	Liner
190704	7.41	190994	9.25	25	25/22.6 x 1.2		35.5	7.5	
190706	8.95	190996	11.68	38	38/35.6 x 1.2		55.0	9.0	
190707	10.51	190997	13.46	51	51/48.6 x 1.2		65.0	9.0	
190708	14.57	190998	18.34	63.5	63.5/60.3 x 1.6		80.0	9.0	
190709	18.05	190999	23.22	76.1	76.1/72.9 x 1.6		93.0	10.0	
3131708851	32.33	3131708852	40.67	101.6	101.6/97.6 x 2.0		127.0	12.0	
		1.4404 (316L)			A	B	C	D	
		191669	26.19	38/25	55.0	17.0		25.2	
		191670	42.86	51/25	65.0	17.0		25.2	
		191675	47.79	51/38	65.0	20.0		38.2	
		191676	78.1	63.5/38	80.0	20.0		38.2	
		191678	82.4	63.5/51	80.0	20.0		51.2	
		191677	95.85	76.1/38	93.0	20.0		38.2	
		191679	102.95	76.1/51	93.0	20.0		51.2	
		191680	113.3	76.1/63.5	93.0	25.0		63.8	
1.4301 (304)				mm	A	B	C	D	Nut
190613	11.85			25	51.0	20.0	40 x 1/6	32.0	
190615	14.64			38	74.0	25.0	60 x 1/6	48.0	
190616	16.93			51	84.0	26.0	70 x 1/6	60.5	
190617	23.07			63.5	100.0	30.0	85 x 1/6	74.0	
190618	29.81			76.1	114.0	32.0	98 x 1/6	87.0	
3131708841	77.65			101.6	154.0	45.0	132 x 1/6	117.0	

NOTE: Seal rings - please see later this chapter.

NOTE: For pressure and surface, please see product leaflet.

Product code: 5043

Finish: OD: Semi bright
 Seals: Nitrile
 Thread: RdG according to DIN 405
 Connections: Expanding

Material Item No	PPL EUR	Size	Dimension (mm)				
1.4301 (304)		mm	A	B	C	D	Union
190655	41.2	25	51.0	38.0		25.2	
190657	53.56	38	74.0	44.0		38.2	
190658	68.9	51	84.0	46.0		51.2	
190659	85.55	63.5	100.0	56.0		63.8	
190660	134.33	76.1	114.0	66.0		76.3	
Male part							
190641	12.89	25		20.0	40 x 1/6	25.2	
190643	19.99	38		23.0	60 x 1/6	38.2	
190644	16.2	51		25.0	70 x 1/6	51.2	
190645	23.53	63.5		30.0	85 x 1/6	63.8	
190646	47.82	76.1		35.0	98 x 1/6	76.3	
Liner							
190627	10.3	25	35.5	17.0		25.2	
190629	12.88	38	55.0	20.0		38.2	
190630	13.39	51	65.0	20.0		51.2	
190631	17.31	63.5	80.0	25.0		63.8	
190632	25.39	76.1	93.0	30.0		76.3	
Nut							
190613	11.85	25	51.0	20.0	40 x 1/6	32.0	
190615	14.64	38	74.0	25.0	60 x 1/6	48.0	
190616	16.93	51	84.0	26.0	70 x 1/6	60.5	
190617	23.07	63.5	100.0	30.0	85 x 1/6	74.0	
190618	29.81	76.1	114.0	32.0	98 x 1/6	87.0	
3131708841	77.65	101.6	154.0	45.0	132 x 1/6	117.0	

NOTE: Seal rings - please see later this chapter.

NOTE: For pressure and surface, please see product leaflet.

Product code: 5043

Finish: OD: Semi bright
 Seals: Nitrile
 Thread: RdG according to DIN 405
 Connections: Expanding/welding

1.4404 (316L)	PPL EUR	Size	Dimension (mm)				Expanding Reducing liner	
			A	B	D			
191669	26.19	38/25	55.0	17.0	25.2			
191670	42.86	51/25	65.0	17.0	25.2			
191675	47.79	51/38	65.0	20.0	38.2			
191676	78.1	63.5/38	80.0	20.0	38.2			
191678	82.4	63.5/51	80.0	20.0	51.2			
191677	95.85	76.1/38	93.0	20.0	38.2			
191679	102.95	76.1/51	93.0	20.0	51.2			
191680	113.3	76.1/63.5	93.0	25.0	63.8			
1.4404 (316L)		mm	OD/ID x t	A	B		C	
3131707372	63.47	38/25	25/22.6 x 1.2	35.6	20.0	60 x 1/6		
3131708911	87.49	51/25	25/22.6 x 1.2	48.6	20.0	70 x 1/6		
3131706571	66.33	51/38	38/35.6 x 1.2	48.6	20.0	70 x 1/6		
3131708921	111.53	63.5/38	38/35.6 x 1.2	60.3	24.0	85 x 1/6		
3131706591	92.7	63.5/51	51/48.6 x 1.2	60.3	24.0	85 x 1/6		
3131708221	147.1	76.1/51	51/48.6 x 1.2	72.9	24.0	98 x 1/6		
3131705121	135.57	76.1/63.5	63.5/60.3 x 1.6	72.9	24.0	98 x 1/6		
1.4404 (316L)		mm	OD/ID x t	A	B			
3131707652	25.52	38/25	25/22.6 x 1.2	55.0	9.0			
3131707642	33.53	51/25	25/22.6 x 1.2	65.0	9.0			
3131706611	27.44	51/38	38/35.6 x 1.2	65.0	9.0			
3131707941	71.8	63.5/38	38/35.6 x 1.2	80.0	9.0			
3131706631	41.43	63.5/51	51/48.6 x 1.2	80.0	9.0			
3131707931	57.7	76.1/51	51/48.6 x 1.2	93.0	10.0			
3131708881	57.7	76.1/63.5	63.5/60.3 x 1.6	93.0	10.0			
3131708891	133.9	101.6/63.5	63.5/60.3 x 1.6	127.0	15.0			
3131708901	154.5	101.6/76.1	76.1/72.9 x 1.6	127.0	15.0			
1.4301 (304)		mm		A	B	C	D	
190613	11.85	25		51.0	20.0	40 x 1/6	32.0	
190615	14.64	38		74.0	25.0	60 x 1/6	48.0	
190616	16.93	51		84.0	26.0	70 x 1/6	60.5	
190617	23.07	63.5		100.0	30.0	85 x 1/6	74.0	
190618	29.81	76.1		114.0	32.0	98 x 1/6	87.0	
3131708841	77.65	101.6		154.0	45.0	132 x 1/6	117.0	

NOTE: Seal rings - please see later this chapter.

NOTE: For pressure and surface, please see product leaflet.

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	B	C		Male part
9613409501	12.66	9613409507	14.35	25	25/22.5 x 1.25	19.0	40 x 1/6		
9613409502	17.96	9613409508	17.52	38	38/35.5 x 1.25	23.0	60 x 1/6		
9613409503	18.98	9613409509	19.37	51	51/48.5 x 1.25	23.0	70 x 1/6		
9613409504	26.33	9613409510	27.08	63.5	63.5/60.4 x 1.55	27.0	85 x 1/6		
9613409505	30.27	9613409511	32.02	76.1	76.1/72.7 x 1.7	27.0	98 x 1/6		
9613409506	55.48	9613409512	70.28	104	104/99.9 x 2.05	30.0	125 x 1/4		
1.4307 (304L)		1.4404 (316L)		mm	A	B	C	D	Liner
9613409401	6.23	9613409407	6.92	25	22.5	25.0	15.6	35.5	
9613409402	8.2	9613409408	9.11	38	35.5	38.0	16.0	55.0	
9613409403	9.95	9613409409	11.05	51	48.5	51.0	17.0	65.0	
9613409404	12.71	9613409410	14.12	63.5	60.4	63.5	17.0	80.0	
9613409405	16.62	9613409411	18.47	76.1	72.7	76.1	19.0	93.0	
9613409406	21.6	9613409412	24	104	99.9	104.0	19.0	118.0	
1.4307 (304L)		1.4404 (316L)		mm	OD ₁ /ID ₁ x t ₁	B	OD ₂	E	Hose liner
		191577	36.06	25	25/22.6 x 1.2	50.0	29.0	10.0	
		191579	154.5	38	38/35.6 x 1.2	80.0	42.0	10.0	
		191580	54.79	51	51/48.6 x 1.2	110.0	55.0	10.0	
		191581	257.5	63.5	63.5/60.3 x 1.6	125.0	67.0	10.0	
		191582	360.5	76.1	76.1/72.1 x 2.0	150.0	80.0	10.0	
1.4301 (304)				mm	A	B	C	D	Nut
190613	11.85			25	51.0	20.0	40 x 1/6	32.0	
190615	14.64			38	74.0	25.0	60 x 1/6	48.0	
190616	16.93			51	84.0	26.0	70 x 1/6	60.5	
190617	23.07			63.5	100.0	30.0	85 x 1/6	74.0	
190618	29.81			76.1	114.0	32.0	98 x 1/6	87.0	
3131708841	77.65			101.6	154.0	45.0	132 x 1/6	117.0	

NOTE: Seal rings - please see later this chapter.

NOTE: For pressure and surface, please see product leaflet.

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size mm	Dimension (mm)				
					A	B	C	D	
1.4301 (304)		1.4404 (316L)		mm					End cap
9612143001	33.96	9612143008	37.36	25	51.0	20.0	40 x 1/6		
9612143002	36.37	9612143009	40.01	38	74.0	25.0	60 x 1/6		
9612143003	40.23	9612143010	44.25	51	84.0	26.0	70 x 1/6		
9612143004	62.95	9612143011	69.25	63.5	100.0	31.0	85 x 1/6		
9612143005	77.23	9612143012	84.96	76.1	114.0	32.0	98 x 1/6		
9612143006	128.4	9612143013	141.24	101.6	154.0	45.0	132 x 1/6		
End cap with chain									
9612145101	45.6	9612145108	50.16	25	51.0	20.0	40 x 1/6	6.5	
9612145102	51.24	9612145109	56.37	38	74.0	25.0	60 x 1/6	6.5	
9612145103	52.99	9612145110	58.29	51	84.0	26.0	70 x 1/6	6.5	
9612145104	60.82	9612145111	66.9	63.5	100.0	31.0	85 x 1/6	6.5	
9612145105	87.47	9612145112	96.21	76.1	114.0	32.0	98 x 1/6	6.5	
9612145106	133.9	9612145113	147.29	101.6	154.0	45.0	132 x 1/6	6.5	
Blank									
		190084	8.95	25	35.5	3.0			
		190086	13.62	38	55.0	4.0			
		190087	16.37	51	65.0	4.0			
		190088	20.69	63.5	80.0	4.0			
		3131703341	48.37	101.6	127.0	6.0			

NOTE: Seal rings - please see later this chapter.

NOTE: For pressure and surface, please see product leaflet.

Product code: 5043
 Product code: 5004, 5018

Finish: Machined

Material Item No.	PPL EUR	Size	Dimension (mm)					
1.4307 (304L)		mm	A	B	C	D	E	Adapter, male to BSP male
Product code: 5043								
190502	22.63	25	40 x 1/6	30.0	1"	22.5	15.0	
190506	37.88	38	60 x 1/6	42.0	1 1/2"	35.5	23.0	
190508	51.54	51	70 x 1/6	47.0	2"	48.5	28.0	
190510	206	63.5	85 x 1/6	55.0	2 1/2"	60.5	32.0	
Adapter, male to BSP female								
190514	26.04	25	40 x 1/6	15.0	1"	22.5	23.0	
190518	39.94	38	60 x 1/6	22.0	1 1/2"	35.5	32.0	
190520	45.86	51	70 x 1/6	27.0	2"	48.5	38.0	
190522	206	63.5	85 x 1/6	31.0	2 1/2"	60.5	42.0	

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				Thread: RdG according to DIN 405	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	A	B		Short bend, nut/liner and male	
Product code: 5004										
190760	128.75	191029	148.06	25	25/22.6 x 1.2	55.0	55.0			
190762	147.29	191031	169.38	38	38/35.6 x 1.2	70.0	70.0			
190763	171.64	191032	197.38	51	51/48.6 x 1.2	82.0	82.0			
190764	190.55	191033	219.13	63.5	63.5/60.3 x 1.6	105.0	105.0			
190765	207.03	191034	238.08	76.1	76.1/72.1 x 2.0	110.0	110.0			
Product code: 5018										
		1.4404 (316L)		mm	OD ₁ /ID ₁ x t ₁	A	B	OD ₂	E	Bend with hose and liner
		191603	52.43	25	25/22.6 x 1.2	62.0	55.0	29.0	10.0	
		191605	83.38	38	38/35.6 x 1.2	79.0	70.0	42.0	10.0	
		191606	69.62	51	51/48.6 x 1.2	91.0	82.0	55.0	10.0	
		191607	151.27	63.5	63.5/60.3 x 1.6	114.0	105.0	67.0	10.0	

NOTE: Seal rings - please see later this chapter.

NOTE: For pressure and surface, please see product leaflet.

Product code: 5043

Item No.	PPL EUR	Item No.	PPL EUR	Item No.	PPL EUR	Size	Dimension (mm)			
NBR										
190601	1.38	3131703753	1.46	3131703752	7.41	25	32.0	5.5	24.8	
190603	1.81	3131703772	1.68	191661	22.04	38	48.0	5.5	37.8	
190604	1.81	3131703785	1.8	3131703782	19.97	51	61.0	5.5	50.8	
190605	1.85	3131703793	2.27	3131703792	23.6	63.5	73.5	5.5	63.2	
190606	2.26	3131703803	2.54	3131703801	34.59	76.1	86.0	5.5	75.5	
3131708861	4.52	3131708862	6.12	3131708863	62.87	101.6	114.0	5.5	101.0	
9611994547	4.52	9611994546	7.35	9611994548	62.87	104	116.0	5.5	104	
PTFE										
3131705511	5.19					25	32.0	4.0	25.0	
3131705513	9.89					38	48.0	4.0	38.0	
3131705514	9.89					51	61.0	4.0	51.0	
3131705515	13.01					63.5	73.5	4.0	63.5	
3131705516	12.76					76.1	86.0	4.0	76.1	
3131705517	19.18					101.6	114.0	4.0	101.6	
NBR										
190608	20.06					25	32.0	5.0	22.5	
190609	5.8					32	40.0	5.0	29.5	
71066	25.64					38	48.0	5.0	35.5	
71068	25.75					51	61.0	5.0	48.5	
190610	25.86					63.5	73.5	5.0	60.5	
190611	35.83					76.1	86.0	5.0	72.0	
3131708865	27.94					101.6	114.0	5.0	97.6	
PTFE										
190987	44.36					25	32.0	4.0	22.5	
190989	14.42					38	48.0	4.0	35.5	
190990	50.99					51	61.0	4.0	48.5	
190991	50.99					63.5	73.5	4.0	60.5	
190992	41.3					76.1	86.0	4.0	72.0	
3131705171	27.18					101.6	114.0	4.0	97.6	
190993	41.99					108	120.0	4.0	100.0	

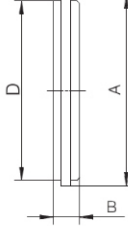
Product code: 5041

Finish: Machined
Seals: Nitrile
Thread: Trapezoidal type

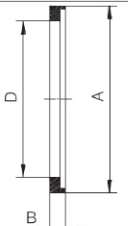
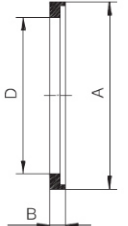
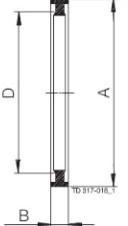
Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				
		1.4404 (316L)		mm	OD/ID x t	A	B	Union	
		9611330955	41.3	25	25.6/22.5 x 1.55	48.0	35.5		
		9611330956	52.51	38	38.6/35.5 x 1.55	64.0	35.5		
		9611330957	56.51	51	51.6/48.5 x 1.55	77.0	35.5		
		9611330958	102.18	63.5	64.1/60.5 x 1.8	91.0	35.5		
		9611330959	119.21	76.1	76.6/72.0 x 2.3	106.0	35.5		
		9611330960	141.26	101.6	102.5/97.6 x 2.45	135.0	45.0		
1.4301 (304)				mm	A	B	C	D	Nut
3131900011	15.23			25	48.0	30.0	38.3 x 1/8	30.5	
3131900021	20.66			38	64.0	30.0	51.8 x 1/8	43.5	
3131900031	22.73			51	77.0	30.0	65.3 x 1/8	57.0	
3131900041	28.13			63.5	91.0	30.0	78.8 x 1/8	70.7	
3131900051	31.96			76.1	106.0	30.0	92.3 x 1/8	83.3	
9611300149	56.94			101.6	135.0	30.0	119.4 x 1/8	110.0	
		1.4404 (316L)		mm	OD/ID x t	B	C	Male part	
		3131900621	11.84	25	25.6/22.5 x 1.55	21.5	37.1 x 1/8		
		3131900631	18.84	38	38.6/35.5 x 1.55	21.5	50.6 x 1/8		
		3131900153	17.34	51	51.6/48.5 x 1.55	21.5	64.1 x 1/8		
		3131900163	22.18	63.5	64.1/60.5 x 1.8	21.5	77.6 x 1/8		
		3131900173	37.13	76.1	76.6/72.0 x 2.3	21.5	91.1 x 1/8		
		9611300899	47.34	101.6	102.5/97.6 x 2.45	21.5	118.4 x 1/8		
		1.4404 (316L)		mm	OD/ID x t	A	B		Liner
		3131900681	9.09	25	25.6/22.5 x 1.55	33.8	12.0		
		3131900691	15.68	38	38.6/35.5 x 1.55	47.0	12.0		
		3131900273	17.51	51	51.6/48.5 x 1.55	60.5	12.0		
		3131900711	21.59	63.5	64.1/60.5 x 1.8	74.0	12.0		
		3131900721	22.66	76.1	76.6/72 x 2.3	87.5	12.0		
		9611300898	36.05	101.6	102.5/97.6 x 2.45	114.1	21.5		

NOTE: Seal rings - please see later this chapter.

NOTE: For pressure and surface, please see PD-sheet.

Material Item No.	PPL EUR	Size	Dimension (mm)			
1.4404 (316L)		mm	A	B	D	Blank
9611308290	15.99	25	33.8	10.5	29.0	 <p>TD 317-014</p>
9611308291	17.51	38	47.0	10.5	42.5	
9611308292	18.54	51	60.5	10.5	56.0	
9611308293	21.98	63.5	74.0	10.5	69.7	
9611308294	28.33	76.1	87.5	10.5	82.3	
9611308295	48.47	101.6	114.1	10.5	108.4	

NOTE: For pressure and surface, please see product leaflet.

Item No.	PPL EUR	Item No.	PPL EUR	Item No.	PPL EUR	Size	Dimension (mm)			
NBR		EPDM				mm	A	B	D	Seal ring
9611990953	2.42	9611991390	3.86			25	32.5	6.0	23.6	 <p>TD 317-017</p>
9611990954	5.05	9611991392	4.01			38	46.0	6.0	36.6	
9611990955	5.78	9611991393	4.05			51	59.5	6.0	49.6	
9611990956	7.31	9611991394	4.1			63.5	73.2	6.0	61.3	
9611990957	7.73	9611991395	4.78			76.1	86.5	6.0	73.9	
9611990959	10.54	9611991397	11.66			101.6	112.5	6.0	98.6	
PTFE						mm	A	B	D	Seal ring
9611991424	7.83					25	32.5	6.0	22.8	 <p>TD 317-017</p>
9611991426	8					38	46.0	6.0	35.9	
9611991427	8.26					51	59.9	6.0	48.9	
9611991428	13.71					63.5	73.0	6.0	60.9	
9611991429	15.77					76.1	86.5	6.0	73.3	
9611991431	29.97					101.6	113.0	6.0	98.0	
NBR		EPDM		FPM		mm	A	B	D	Seal ring
3131900311	2.99	3131900314	7.2	3131900313	10.14	25	32.5	7.0	25.5	 <p>TD 317-018</p>
3131900321	3.19	3131900324	2.83	3131900323	14.68	38	46.0	7.0	38.0	
3131900331	3.4	3131900334	16.95	3131900333	17.04	51	59.5	7.0	51.0	
3131900341	3.61	3131900344	3.69	3131900343	18.32	63.5	73.0	7.0	63.0	
3131900351	3.86	3131900354	4.66	3131900353	18.65	76.1	86.5	7.0	75.5	

Product code: 5042

Finish: Machined
Seals: Nitrile
Thread: Round type

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				
		1.4404 (316L)		mm	OD/ID x t	A	B	Union	
		9611330264	51.5	25	25.4/22.5 x 1.45	57.0	30.0		
		9611330265	56.65	38	38.4/35.5 x 1.45	71.0	31.5		
		9611330266	66.95	51	51.4/48.5 x 1.45	86.0	31.5		
		9611330267	92.7	63.5	63.9/60.5 x 1.7	103.0	36.5		
		9611330268	123.6	76.1	76.4/72.0 x 2.2	115.0	36.5		
		9611330269	257.5	101.6	102/97.6 x 2.2	150.0	36.5		
1.4301 (304)				mm	A	B	C	D	Nut
9611300197	12.76			25	57.0	20.0	44 x 1/6	35.0	
9611300198	13.02			38	71.0	20.0	58 x 1/6	48.5	
9611300199	16.79			51	86.0	22.0	72 x 1/6	62.5	
9611300200	22.67			63.5	103.0	24.0	88 x 1/6	76.5	
9611300201	25.81			76.1	115.0	25.0	100 x 1/6	88.5	
9611300263	88.02			101.6	150.0	28.0	130 x 1/6	117.0	
		1.4404 (316L)		mm	OD/ID x t	B	C	Male part	
		9611330684	16.93	25	25.4/22.5 x 1.45	18.5	44 x 1/6		
		9611330685	20.33	38	38.4/35.5 x 1.45	20.0	58 x 1/6		
		9611330686	24.56	51	51.4/48.5 x 1.45	20.0	72 x 1/6		
		9611330687	36.55	63.5	63.9/60.5 x 1.7	24.0	88 x 1/6		
		9611330688	42.9	76.1	76.4/72.0 x 2.2	24.0	100 x 1/6		
		9611330690	90.24	101.6	102/97.6 x 2.2	24.0	130 x 1/6		
		1.4404 (316L)		mm	OD/ID x t	A	B	Liner	
		9611330691	12.28	25	25.4/22.5 x 1.45	40.0	11.0		
		9611330692	17.16	38	38.4/35.5 x 1.45	54.0	11.0		
		9611330693	20.33	51	51.4/48.5 x 1.45	68.0	11.0		
		9611330694	23.44	63.5	63.9/60.5 x 1.7	84.0	12.0		
		9611330695	30.77	76.1	76.4/72.0 x 2.2	96.0	12.0		
		9611330697	49.55	101.6	102/97.6 x 2.2	124.0	12.0		

NOTE: For pressure and surface, please see product leaflet.

Product code: 5042

Finish: Machined
Thread: Round type
Connections: Expanding ends

Material Item No.	PPL EUR	Size mm	Dimension (mm)				Male part
			A	B	C	D	
1.4301 (304)							
9611300203	14.67	25		20.0	44 x 1/6	25.0	
9611300204	20.38	38		22.0	58 x 1/6	38.0	
9611300205	20.63	51		24.0	72 x 1/6	51.0	
9611300206	40.9	63.5		26.0	88 x 1/6	63.5	
9611300207	61.8	76.1		28.0	100 x 1/6	76.0	
							Liner
9611300209	9.27	25	40.0	16.0		25.0	
9611300210	11.33	38	54.0	18.0		38.0	
9611300211	12.98	51	68.0	20.0		51.0	
9611300212	20.6	63.5	84.0	22.0		63.5	
9611300213	25.75	76.1	96.0	24.0		76.0	

Material Item No.	PPL EUR	Size mm	Dimension (mm)				End cap for chain
			A	B			
1.4301 (304)							
9611303520	81.45	25	57.0	20.0			
9611303530	82.38	38	71.0	20.0			
9611303540	99.35	51	86.0	22.0			
9611303550	119.08	63.5	103.0	24.0			
9611303560	142.74	76.1	115.0	25.0			

NOTE: Seal rings - please see later this chapter.

NOTE: For pressure and surface, please see product leaflet.

Product code: 5042

Finish: Machined
Thread: Round type
Connections: Expanding ends

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size mm	Dimension (mm)		
		1.4404 (316L)		mm	A	B	
		9611300253	14.42	25	40.0	3.0	
		9611300254	15.45	38	54.0	3.0	
		9611300255	16.48	51	68.0	3.0	
		9611300256	19.57	63.5	84.0	4.0	
		9611300257	25.75	76.1	96.0	4.0	
		9611300259	39.14	101.6	124.0	4.0	

NOTE: For pressure and surface, please see product leaflet.

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size mm	Dimension (mm)			
NBR		EPDM		mm	A	B	D	
9611990120	1.18	9611992814	4.66	25	32.0	4.5	25.0	
9611990121	1.34	9611992816	4.44	38	47.0	4.5	38.0	
9611990122	1.71	9611992817	4.44	51	59.0	4.5	51.0	
9611990123	2.42	9611992818	7.69	63.5	74.5	4.5	63.5	
9611990124	3.06	9611992819	10.72	76.1	88.0	4.5	76.1	
9611990558	4.88	9611992820	14.57	101.6	112.5	4.5	101.6	
PTFE		FPM		mm	A	B	D	
9611991167	6.38	9611992833	56.21	25	32.0	4.5	25.0	
9611991168	8.37	9611992835	56.21	38	47.0	4.5	38.0	
9611991170	9.38	9611992836	56.21	51	59.0	4.5	51.0	
9611991171	15.76	9611992837	56.21	63.5	74.5	4.5	63.5	
9611991172	16.04	9611992838	56.21	76.1	88.0	4.5	76.1	
9611991173	34.04	9611992839	103	101.6	112.5	4.5	101.6	

Product code: 5044

Finish: Machined
Thread: Round type

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)					
1.4301 (304)				mm	A	B	C	D	Nut	
3131800141	9.39			25	63.0	21.0	52 x 1/6	36.0		
3131800142	9.98			32	70.0	21.0	58 x 1/6	42.0		
3131800143	10.72			40	78.0	21.0	65 x 1/6	49.0		
3131800144	12.5			50	92.0	22.0	78 x 1/6	62.0		
3131800145	19.6			65	112.0	25.0	95 x 1/6	80.0		
9611306440	28.84			75	120.0	26.0	104 x 1/6	87.0		
3131800146	30.69			80	127.0	30.0	110 x 1/4	94.0		
3131800148	42.31			100	148.0	31.0	130 x 1/4	115.0		
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	B	C			Male part
9612157901	15.15	9612157917	17.83	25	25.4/22.9 x 1.25	29.0	52 x 1/6			
9612157903	22.45	9612157919	22.13	40	38.1/35.1 x 1.5	33.0	65 x 1/6			
9612157904	23.4	9612157920	27.83	50	50.8/47.8 x 1.5	35.0	78 x 1/6			
9612157905	25.74	9612157921	32.26	65	63.5/60.5 x 1.5	40.0	95 x 1/6			
9612157906	32.79	9612157922	66.58	75	76.1/73.1 x 1.5	40.0	104 x 1/6			
9612157907	53.77	9612157923	91.67	80	76.1/72.1 x 2.0	45.0	110 x 1/4			
9612157908	77.25	9612157924	95.79	100	101.6/97.6 x 2.0	54.0	130 x 1/4			
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	A	B			Liner
9612158001	12.42	9612158017	18.63	25	25.4/22.9 x 1.25	44.0	22.0			
9612158003	13.31	9612158019	19.96	40	38.1/35.1 x 1.5	56.0	26.0			
9612158004	15.88	9612158020	23.82	50	50.8/47.8 x 1.5	68.5	28.0			
9612158005	17.72	9612158021	26.57	65	63.5/60.5 x 1.5	86.0	32.0			
9612158006	23.6	9612158022	35.4	75	76.1/73.1 x 1.5	93.7	32.0			
9612158007	39.2	9612158023	162.67	80	76.1/72.1 x 2.0	100.0	37.0			
9612158008	41.15	9612158024	61.72	100	101.6/97.6 x 2.0	121.0	44.0			

NOTE: Seal rings - please see later this chapter.

NOTE: For pressure and surface, please see product leaflet.

Material Item No.	PPL EUR	Size	Dimension (mm)				
1.4301 (304)		mm	A	B	C	D	Male part
9611300977	16.48	25		29.0	52 x 1/6	25.2	
9611300978	19.57	40		33.0	65 x 1/6	38.2	
9611300979	20.6	50		35.0	78 x 1/6	51.2	
9611300980	30.9	65		40.0	95 x 1/6	63.8	
9611306330	59.9	75		40.0	104 x 1/6	76.3	
9611300981	65.78	80		45.0	110 x 1/4	76.3	
9611300983	77.71	100		54.0	130 x 1/4	101.9	
Liner							
9611300984	8.24	25	44.0	22.0		25.2	
9611300985	13.05	40	56.0	26.0		38.2	
9611300986	19.42	50	68.0	28.0		51.2	
9611300987	33.24	65	86.0	32.0		63.8	
9611306390	35.28	75	95.0	32.0		76.3	
9611300988	*	80	100.0	37.0		76.3	
9611300990	37.41	100	121.0	44.0		101.9	

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)			
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	B	C	Male part
3131800072	11.09	3131800071	12.2	25	25.0/22.6 x 1.2	22.0	52 x 1/6	
		3131800081	*	32	33.7/31.3 x 1.2	22.0	58 x 1/6	
3131800092	17.75	3131800091	19.52	40	38/35.6 x 1.2	22.0	65 x 1/6	
3131800102	22.18	3131800101	24.4	50	51/48.6 x 1.2	22.0	78 x 1/6	
3131800112	28.84	3131800111	31.72	65	63.5/60.3 x 1.6	25.0	95 x 1/6	
9611306020	43.26	9611306021	47.59	75	76.1/73.1 x 1.5	30.0	104 x 1/6	
3131800122	57.68	3131800121	63.45	80	76.1/72.9 x 1.6	30.0	110 x 1/4	
3131800342	89.58	3131800341	98.54	100	101.6/97.6 x 2.0	30.0	130 x 1/4	
Liner								
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	A	B	
3131800182	9.78	3131800181	13.98	25	25.0/22.6 x 1.2	44.0	18.0	
9611300721	183.58	9611330721	*	32	33.7/31.3 x 1.2	50.0	15.0	
3131800192	11.54	3131800191	16.48	40	38/35.6 x 1.2	56.0	18.0	
3131800202	14.04	3131800201	20.05	50	51/48.6 x 1.2	68.0	20.0	
3131800212	25.24	3131800211	36.05	65	63.5/60.3 x 1.6	86.0	20.0	
9611306070	41.93	9611306071	59.9	75	76.1/73.1 x 1.5	95.0	20.0	
3131800222	49.03	3131800221	70.04	80	76.1/72.9 x 1.6	100.0	20.0	
3131800232	61.29	3131800231	87.55	100	101.6/97.6 x 2.0	121.0	23.0	

NOTE: Seal rings - please see later this chapter.

NOTE: For pressure and surface, please see product leaflet.

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				
NBR		EPDM		FPM		mm	A	B	D	Seal ring	
52734604	1.37	9611991269	1.97	9611991864	3.97	25	40.0	5.0	30.0		
52734605	1.44	9611991270	1.99			32	46.0	5.0	36.0		
52734606	1.51	9611991271	2.02	9611991866	4.73	40	52.0	5.0	42.0		
52734607	1.59	9611991272	2.04	9611991867	5	50	64.0	5.0	54.0		
52734608	1.67	9611991273	2.39	9611991868	9.31	65	81.0	5.0	71.0		
9611991264	3.58	9611991274	2.45	9611991869	29.87	75	88.0	5.0	78.0		
52734609	1.75	9611991275	3.21	9611991128	8.9	80	95.0	5.0	85.0		
52734611	1.84	9611991276	4.11	9611991870	14.8	100	114.0	6.0	104.0		
Silicone (Q)		PTFE				mm	A	B	D		Seal ring
9611991920	1.23	9611991876	4.44			25	40.0	5.0	30.0		
9611991922	1.51	9611991878	5.37			40	52.0	5.0	42.0		
9611991923	2.17	9611991879	5.85			50	64.0	5.0	54.0		
9611991924	2.5	9611991880	10.46			65	81.0	5.0	71.0		
9611991925	3.9	9611991881	23.8			75	88.0	5.0	78.0		
9611991926	4.09	9611991882	25.16			80	95.0	5.0	85.0		
9611991927	4.27	9611991883	26.89			100	114.0	6.0	104.0		

NOTE: For pressure and surface, please see product leaflet.

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)			
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	A	B	Clamp ferrule ISO 2852
9611310191	11.46	9611310190	13.02	25	25.6/22.6 x 1.5	50.5	21.5	
9611310201	11.68	9611310200	13.46	38	38.6/35.6 x 1.5	50.5	21.5	
9611310211	13.02	9611310210	15.31	51	51.6/48.6 x 1.5	64.0	21.5	
9611310221	16.13	9611310220	18.65	63.5	64.1/60.3 x 1.9	77.5	21.5	
9611310231	20.27	9611310230	23.22	76.1	76.7/72.9 x 1.9	91.0	21.5	
9611310241	39.2	9611310240	45.86	101.6	102.5/97.6 x 2.45	119.0	21.5	
9611310311	180.42	9611310310	164.8	114.3	115.6/110.3 x 2.65	130.0	28.0	
9611310321	110.73	9611310320	185.4	139.7	141.2/135.7 x 2.75	155.0	28.0	
9611310331	431.68	9611310330	206	168.3	170.0/163.1 x 3.45	183.0	28.0	
		9612990107	13.02	25	25/22.6 x 1.20	50.5	21.5	
		9612990108	13.46	38	38/35.6 x 1.20	50.5	21.5	
		9612990109	15.31	51	51/48.6 x 1.20	64.0	21.5	
		9612990110	18.65	63.5	63.5/60.3 x 1.60	77.5	21.5	
		9612990111	23.22	76.1	76.1/72.9 x 1.60	91.0	21.5	
		9612990112	45.86	101.6	101.6/97.6 x 2.0	119.0	21.5	
1.4301 (304)				mm	A	B	D	Clamp ferrule
9611310660	18.54			25	50.5	20.0	25.0	
9611310670	20.6			38	50.5	20.0	38.0	
9611310680	30.9			51	64.0	25.0	51.0	
9611310690	32.58			63.5	77.5	30.0	63.5	
9611310700	61.8			76.1	91.0	30.0	76.1	
		1.4404 (316L)		mm	OD/ID x t	A	B	
		9611310500	36.05	38 - 25	25.6/22.6 x 1.5	50.5	12.0	
		9611310510	46.35	38 - 32	32.6/29.6 x 1.5	50.5	12.0	
		9611310530	82.4	51 - 38	38.6/35.6 x 1.5	64.0	12.0	
		9611310550	92.7	63.5 - 51	51.6/48.6 x 1.5	77.5	12.0	
		9611310570	133.9	76.1 - 63.5	64.1/60.3 x 1.9	91.0	12.0	

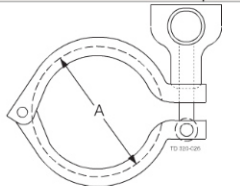
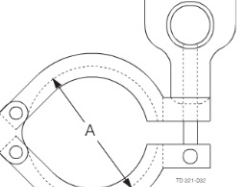
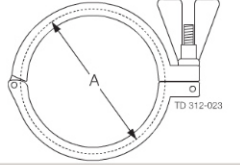
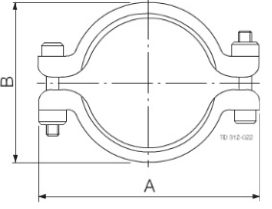
NOTE: For pressure and surface, please see product leaflet.

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)		
1.4307 (304L)		1.4404 (316L)		mm	A	B	Blank
9611340590	12.51	9611340600	13.89	25-38	50.4	6.4	
9611340591	15.92	9611340601	17.69	51	63.9	6.4	
9611340592	18.24	9611340602	20.27	63.5	77.4	6.4	
9611340593	24.3	9611340603	27	76.1	90.9	6.4	
210506	52.99	9611340604	43.64	101.6	118.9	6.4	
**		9612464001	488.96	168.3	183.0	11.0	

** Not available

Item No.	PPL EUR	Item No.	PPL EUR	Item No.	PPL EUR	Size	Dimension (mm)				
NBR		EPDM		FPM		mm	A	B	D	Seal ring	
9611990765	2.19	9611991358	2.8	9611991890	30.77	25	52.7	5.5	22.8		
9611990766	2.19	9611991359	2.8	9611991891	30.77	38	52.7	5.5	35.8		
9611990767	2.67	9611991360	3.25	9611991892	35.58	51	66.2	5.5	48.8		
9611990768	2.8	9611991361	3.55	9611991893	51.03	63.5	79.7	5.5	60.5		
9611990769	4.54	9611991362	3.98	9611991894	61.39	76.1	93.2	5.5	73.1		
9611990770	5.91	9611991363	7.23	9611991895	75.45	101.6	121.2	5.5	97.8		
9611991354	7.21	9611991364	7.42	9611991896	82.4	114.3	132.2	5.5	110.5		
9611991355	8.24	9611991365	7.73	9611991897	92.7	139.7	157.2	5.5	135.9		
9611991356	9.27	9611991366	8.19	9611991898	103	168.3	185.2	5.5	163.3		
9611991357	10.3	9611991367	12.36	9611991899	113.3	219.1	235.7	5.5	214.1		
PTFE						mm	A	B	D		Seal ring - (Modified ISO 2852, type A)
9611991403	15.27					25	52.7	5.1	22.6		
9611991404	16.59					38	52.7	5.1	35.6		
9611991405	18.2					51	66.2	5.1	48.6		
9611991406	19.17					63.5	79.7	5.1	60.3		
9611991407	30.49					76.1	93.2	5.1	72.9		
9611991408	30.83					101.6	121.2	5.1	97.6		

Product code: 5049

Material Item No.	PPL EUR	Size	Dimension (mm)		
			A	B	
1.4301 (304)		mm			A13MHM - Clamp ring
211053	25.78	25/38	54.0		
211054	31.41	51	67.1		
211055	36.37	63.5	81.0		
211056	39.55	76.1	94.5		
211057	48.01	101.6	122.2		
13MHHM Clamp ring					
212195	35.3	25/38	54.0		
212196	39.9	51	67.5		
212197	48.73	63.5	81.0		
212198	52.96	76.1	94.5		
212199	64.25	101.6	122.6		
Clamp ring, wingnut					
9611994453	29.8	25/38	54.0		
9611994454	36.3	51	67.5		
9611994455	49.45	63.5	81.0		
9611994456	56.35	76.1	94.5		
9611994457	63.86	101.6	122.6		
Clamp ring (Allen screws)					
9611311051	11.56	25-38	85.5	58.5	
9611311052	11.56	51	99.0	72.0	
9611311053	11.92	63.5	112.5	85.5	
9611311054	15.5	76.1	126.0	99.0	
9611311055	15.73	101.6	154.0	127.0	
9611311056	40.77	114.3	165.0	138.0	
9611311057	41.2	139.7	198.0	164.0	
9611311058	42.3	168.3	226.0	192.0	
9611311059	49.44	219.1	280.5	243.5	

NOTE: For pressure and surface, please see product leaflet.

Material Item No.	PPL EUR	Size mm	Pressure class PN (bar)	Dimension (mm)				
1.4404 (316L)		mm	PN (bar)	OD/ID x t	A	B	C	Complete flange
9612498710	70.28	25	16	25/22.6 x 1.2	79.0	50.0	4 x M8	
9612498711	87.28	38	16	38/35.6 x 1.2	79.0	50.0	4 x M8	
9612498712	98.37	51	16	51/48.6 x 1.2	99.0	50.0	4 x M8	
9612498713	126.47	63.5	10	63.5/60.3 x 1.6	117.0	50.0	4 x M8	
9612498714	149.4	76.1	10	76.1/72.9 x 1.6	132.0	50.0	4 x M8	
9612498715	178.24	101.6	10	101.6/97.6 x 2.0	160.0	50.0	8 x M8	
1.4404 (316L)		mm		OD/ID x t	B	E	F	Flange with O-ring groove
9612493010	29.37	25		25/22.6 x 1.2	25.0	10.0	64.0	
9612493011	42.15	38		38/35.6 x 1.2	25.0	10.0	64.0	
9612493012	47.34	51		51/48.6 x 1.2	25.0	10.0	84.0	
9612493013	61.39	63.5		63.5/60.3 x 1.6	25.0	10.0	102.0	
9612493014	73.22	76.1		76.1/72.9 x 1.6	25.0	10.0	117.0	
9612493015	86.53	101.6		101.6/97.6 x 2.0	25.0	10.0	143.0	
								Flange without O-ring groove
9612492910	37.73	25		25/22.6 x 1.2	25.0	10.0	64.0	
9612492911	42.15	38		38/35.6 x 1.2	25.0	10.0	64.0	
9612492912	47.34	51		51/48.6 x 1.2	25.0	10.0	84.0	
9612492913	61.39	63.5		63.5/60.3 x 1.6	25.0	10.0	102.0	
9612492914	73.22	76.1		76.1/72.9 x 1.6	25.0	10.0	117.0	
9612492915	86.53	101.6		101.6/97.6 x 2.0	25.0	10.0	143.0	

NOTE: Seal rings - please see later this chapter.

NOTE: For pressure and surface, please see product leaflet.

Product code: 5058

Item No.	PPL EUR	Item No.	PPL EUR	Item No.	PPL EUR	Size	Dimension (mm)			
Silicone (Q)		EPDM		FPM		mm	A	B	C	Flange seal
9612402641	3.15	9612402631	2.96	9612402651	4.45	25	33.7	4.1	23.9	
9612402642	5.59	9612402632	3.2	9612402652	5.24	38	46.7	4.1	36.9	
9612402643	5.77	9612402633	3.31	9612402653	5.7	51	59.7	4.1	49.9	
9612402644	6.75	9612402634	3.5	9612402654	6.51	63.5	71.7	4.1	61.9	
9612402645	9.14	9612402635	5.72	9612402655	7.8	76.1	83.2	4.1	73.4	
9612402646	12.05	9612402636	7.28	9612402656	11.35	101.6	108.8	4.1	99.0	
				Flange size		Screws	Nuts	Screws and nut set		
		9612499301 9612499302	4.53 6.9	25-76.1 101.6		4xM8 x 30 8xM8 x 30	4 x M8 8 x M8			