

# 1.3 Hygenic, BS 4825, Part 1

The installation material in this section is manufactured to meet BS 4825, Part 1 tube dimensions.



Price lists	
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Tubes of manufacturing lengths of approx 6 meters  
 Product code: 5104

Finish: BD and BC

Material Item No.	PPL EUR pr. meter	Material Item No.	PPL EUR pr. meter	Size	Dimension (mm)	
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	BD finish SWG (BS 4825 part 1) tubes
9611819932	*	9611819607	*	19	19.05/15.75 x 1.6	
9611819013	*	9611819213	*	25	25.4/22.1 x 1.6	
9611819033	*	9611819233	*	38	38.1/34.8 x 1.6	
9611819063	*	9611819263	*	51	50.8/47.5 x 1.6	
9611819604	*	9611819608	*	63.5	63.5/60.2 x 1.6	
9611819605	*	9611819609	*	76.1	76.2/72.9 x 1.6	
9611819606	*	9611819610	*	101.6	101.6/97.4 x 2.0	
						BC finish SWG (BS 4825 part 1) tubes
9611819875	*	9611819882	*	19	19.05/15.75 x 1.6	
9611819876	*	9611819883	*	25	25.4/22.1 x 1.6	
9611819877	*	9611819884	*	38	38.1/34.8 x 1.6	
9611819878	*	9611819885	*	51	50.8/47.5 x 1.6	
9611819879	*	9611819886	*	63.5	63.5/60.2 x 1.6	
9611819880	*	9611819887	*	76.1	76.2/72.9 x 1.6	
9611819881	*	9611819888	*	101.6	101.6/97.4 x 2.0	

\* PPL prices are updated monthly

BS4825 tubes are non-stock items and available on request. Minimum order quantity requirements.

Please contact your Alfa Laval contact person for further information.

Material Item No.	PPL EUR	Size	Dimension (mm)			
			OD <sub>1</sub> /ID <sub>1</sub> x t <sub>1</sub>	OD <sub>2</sub> /ID <sub>2</sub> x t <sub>2</sub>	L	
<b>1.4404 (316L)</b>		<b>mm</b>				<b>Concentric reducer</b>
9612927601	21.31	25.4 x 12.7	25.4/22.2 x 1.6	12.7/9.5 x 1.6	21	
9612927602	13.32	25.4 x 19.0	25.4/22.2 x 1.6	19.0/15.8 x 1.6	22	
9612927603	7.55	38.1 x 25.4	38.1/34.9 x 1.6	25.4/22.2 x 1.6	30	
9612927604	15.3	50.8 x 25.4	50.8/47.6 x 1.6	25.4/22.2 x 1.6	55	
9612927605	11.41	50.8 x 38.1	50.8/47.6 x 1.6	38.1/34.9 x 1.6	40	
9612927606	34.69	63.5 x 25.4	63.5/60.3 x 1.6	25.4/22.2 x 1.6	80	
9612927607	17.86	63.5 x 38.1	63.5/60.3 x 1.6	38.1/34.9 x 1.6	75	
9612927608	11.76	63.5 x 50.8	63.5/60.3 x 1.6	50.8/47.6 x 1.6	40	
9612927609	48.8	76.1 x 25.4	76.1/73.0 x 1.6	25.4/22.2 x 1.6	108	
9612927610	29.15	76.1 x 38.1	76.1/73.0 x 1.6	38.1/34.9 x 1.6	82	
9612927611	16.83	76.1 x 50.8	76.1/73.0 x 1.6	50.8/47.6 x 1.6	52	
9612927612	14.8	76.1 x 63.5	76.1/73.0 x 1.6	63.5/60.3 x 1.6	40	
9612927613	78.58	101.6 x 25.4	101.6/97.6 x 2.0	25.4/22.2 x 1.6	160	
9612927614	108.9	101.6 x 38.1	101.6/97.6 x 2.0	38.1/34.9 x 1.6	136	
9612927615	37.05	101.6 x 50.8	101.6/97.6 x 2.0	50.8/47.6 x 1.6	103	
9612927616	41.37	101.6 x 63.5	101.6/97.6 x 2.0	63.5/60.3 x 1.6	79	
9612927617	18.44	101.6 x 72.2	101.6/97.6 x 2.0	76.1/73.0 x 1.6	54	
						<b>Eccentric reducer</b>
9612927618	25.16	38.1 x 25.4	38.1/34.9 x 1.6	25.4/22.2 x 1.6	34	
9612927619	31.75	50.8 x 25.4	50.8/47.6 x 1.6	25.4/22.2 x 1.6	54	
9612927620	18.03	50.8 x 38.1	50.8/47.6 x 1.6	38.1/34.9 x 1.6	34	
9612927621	56.47	63.5 x 25.4	63.5/60.3 x 1.6	25.4/22.2 x 1.6	76	
9612927622	36.89	63.5 x 38.1	63.5/60.3 x 1.6	38.1/34.9 x 1.6	75	
9612927623	17.74	63.5 x 50.8	63.5/60.3 x 1.6	50.8/47.6 x 1.6	42	
9612927624	57.25	76.1 x 25.4	76.1/73.0 x 1.6	25.4/22.2 x 1.6	101	
9612927625	46.02	76.1 x 38.1	76.1/73.0 x 1.6	38.1/34.9 x 1.6	80	
9612927626	33.22	76.1 x 50.8	76.1/73.0 x 1.6	50.8/47.6 x 1.6	67	
9612927627	25.67	76.1 x 63.5	76.1/73.0 x 1.6	63.5/60.3 x 1.6	34	
9612927628	100.68	101.6 x 25.4	101.6/97.6 x 2.0	25.4/22.2 x 1.6	149	
9612927629	68.16	101.6 x 38.1	101.6/97.6 x 2.0	38.1/34.9 x 1.6	115	
9612927630	70.18	101.6 x 50.8	101.6/97.6 x 2.0	50.8/47.6 x 1.6	91	
9612927631	70.52	101.6 x 63.5	101.6/97.6 x 2.0	63.5/60.3 x 1.6	69	
9612927632	43.75	101.6 x 72.2	101.6/97.6 x 2.0	76.1/73.0 x 1.6	78	

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

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)			Bend 90°, Finish: OD/ID: Polished
1.4307 (304L)		1.4404 (316L)		mm	OD/ID x t	L	R	
9612636501	8.24	9612636507	8.79	25	25.4/22.2 x 1.6	65.0	37.5	
9612636502	9.93	9612636508	11.27	38	38.1/34.9 x 1.6	85.0	57.0	
9612636503	15.53	9612636509	16.61	51	50.8/47.6 x 1.6	110.0	76.5	
9612636504	24.51	9612636510	26.4	63.5	63.5/60.3 x 1.6	135.0	95.3	
9612636505	32.07	9612636511	34.44	76.1	76.2/73.0 x 1.6	155.0	114.2	
9612636506	61.45	9612636512	61.45	101.6	101.6/97.6 x 2.0	195.0	152.5	
								Bend 90°, OD/ID: Raw
9611311568	10.3	9611311569	12.36	25	25.4/22.2 x 1.6	65.0	37.5	
9611311578	12.36	9611311579	14.83	38	38.1/34.9 x 1.6	85.0	57.0	
9611311588	16.48	9611311589	19.78	51	50.8/47.6 x 1.6	110.0	76.5	
9611311598	22.66	9611311599	27.19	63.5	63.5/60.3 x 1.6	135.0	95.3	
9611311608	30.9	9611311609	37.08	76.1	76.2/73.0 x 1.6	155.0	114.2	
9611311618	56.65	9611311619	61.8	101.6	101.6/97.6 x 2.0	195.0	152.5	

Material Item No.	PPL EUR	Size	Dimension (mm)			Bend 45°, Finish: OD/ID: Polished
1.4404 (316L)		mm	OD/ID x t	L <sub>1</sub>	L <sub>2</sub>	
9612636607	8.79	25	25.4/22.2 x 1.6	108.1	62.7	
9612636608	12.36	38	38.1/34.9 x 1.6	127.2	79.6	
9612636609	16.61	51	50.8/47.6 x 1.6	146.3	96.5	
9612636610	24.72	63.5	63.5/60.3 x 1.6	165.8	113.6	
9612636611	35.54	76.1	76.2/73.0 x 1.6	185.0	130.5	
9612636612	66.95	101.6	101.6/97.6 x 2.0	223.1	164.3	
						Bend 45°, OD/ID: Raw
9611312509	10.3	25	25.4/22.2 x 1.6	108.1	62.7	
9611312519	12.36	38	38.1/34.9 x 1.6	127.2	79.6	
9611312529	16.48	51	50.8/47.6 x 1.6	146.3	96.5	
9611312539	27.81	63.5	63.5/60.3 x 1.6	165.8	113.6	
9611312549	33.99	76.1	76.2/73.0 x 1.6	185.0	130.5	
9611312559	72.1	101.6	101.6/97.6 x 2.0	223.1	164.3	

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

Material Item No.	PPL EUR	Size	Dimension (mm)			
1.4404 (316L)		mm	OD/ID x t	L		Tee. OD/ID: Polished
9612636707	10.8	25	25.4/22.2 x 1.6	44.0		
9612636708	15.33	38	38.1/34.9 x 1.6	64.0		
9612636709	20.46	51	50.8/47.6 x 1.6	89.0		
9612636710	28.61	63.5	63.5/60.3 x 1.6	114.0		
9612636711	56.9	76.1	76.2/73.0 x 1.6	134.0		
9612636712	104.71	101.6	101.6/97.6 x 2.0	195.0		
						Tee. OD/ID: Raw
9611311689	8.83	25	25.4/22.2 x 1.6	44.0		
9611311699	18.12	38	38.1/34.9 x 1.6	64.0		
9611311709	16.43	51	50.8/47.6 x 1.6	89.0		
9611311719	22.73	63.5	63.5/60.3 x 1.6	114.0		
9611311729	50.6	76.1	76.2/73.0 x 1.6	134.0		
9611311739	54.25	101.6	101.6/97.6 x 2.0	195.0		
1.4404 (316L)		mm	OD/ID x t	L <sub>1</sub>	L <sub>2</sub>	Tee, short. OD/ID: Polished
9612158243	11.78	25	25.4/22.2 x 1.6	44.0	27.0	
9612158244	16.22	38	38.1/34.9 x 1.6	64.0	40.6	
9612158245	20.67	51	50.8/47.6 x 1.6	89.0	54.3	
9612158246	46.01	63.5	63.5/60.3 x 1.6	114.0	67.0	
9612158247	40.4	76.1	76.2/73.0 x 1.6	134.0	81.2	
9612158248	88.49	101.6	101.6/97.6 x 2.0	195.0	107.0	

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

Material Item No.	PPL EUR	Size	Dimension (mm)				Reducing tee
			mm	OD <sub>1</sub> /ID <sub>1</sub> x t <sub>1</sub>	OD <sub>2</sub> /ID <sub>2</sub> x t <sub>2</sub>	L <sub>1</sub>	
9612927690	58.08	25.4/12.7	25.4/22.2 x 1.6	12.7/9.5 x 1.6	44.0	27.0	
9612927691	59.42	38.1/12.7	38.1/34.9 x 1.6	12.7/9.5 x 1.6	75.0	40.6	
9612927692	29.63	38.1/25.4	38.1/34.9 x 1.6	25.4/22.2 x 1.6	75.0	40.6	
9612927693	62.13	50.8/12.7	50.8/47.6 x 1.6	12.7/9.5 x 1.6	89.0	54.3	
9612927694	55.99	50.8/25.4	50.8/47.6 x 1.6	25.4/22.2 x 1.6	89.0	54.3	
9612927695	64.03	50.8/38.1	50.8/47.6 x 1.6	38.1/34.9 x 1.6	89.0	54.3	
9612927696	74.28	63.5/12.7	63.5/60.3 x 1.6	12.7/9.5 x 1.6	95.0	67.0	
9612927697	52.67	63.5/25.4	63.5/60.3 x 1.6	25.4/22.2 x 1.6	95.0	67.0	
9612927698	52.67	63.5/38.1	63.5/60.3 x 1.6	38.1/34.9 x 1.6	95.0	67.0	
9612927699	66.91	63.5/50.8	63.5/60.3 x 1.6	50.8/47.6 x 1.6	95.0	67.0	
9612927701	76.99	76.1/12.7	76.1/73.0 x 1.6	12.7/9.5 x 1.6	95.0	81.2	
9612927702	99.44	76.1/25.4	76.1/73.0 x 1.6	25.4/22.2 x 1.6	95.0	81.2	
9612927703	56.05	76.1/38.1	76.1/73.0 x 1.6	38.1/34.9 x 1.6	95.0	81.2	
9612927704	56.05	76.1/50.8	76.1/73.0 x 1.6	50.8/47.6 x 1.6	95.0	81.2	
9612927705	111.8	76.1/63.5	76.1/73.0 x 1.6	63.5/60.3 x 1.6	95.0	81.2	
9612927706	97.24	101.6/12.7	101.6/97.6 x 2.0	12.7/9.5 x 1.6	127.0	107.0	
9612927707	160.12	101.6/25.4	101.6/97.6 x 2.0	25.4/22.2 x 1.6	127.0	107.0	
9612927708	78.33	101.6/38.1	101.6/97.6 x 2.0	38.1/34.9 x 1.6	127.0	107.0	
9612927709	78.33	101.6/50.8	101.6/97.6 x 2.0	50.8/47.6 x 1.6	127.0	107.0	
9612927710	78.33	101.6/63.5	101.6/97.6 x 2.0	63.5/60.3 x 1.6	127.0	107.0	
9612927711	78.33	101.6/76.1	101.6/97.6 x 2.0	76.1/73.0 x 1.6	127.0	107.0	
9612927712	154.64	152.4/50.8	152.4/148.4 x 2.0	50.8/47.6 x 1.6	154.0	156.0	
9612927713	457.17	152.4/63.5	152.4/148.4 x 2.0	63.5/60.3 x 1.6	154.0	156.0	
9612927714	228.64	152.4/76.1	152.4/148.4 x 2.0	76.1/73.0 x 1.6	154.0	156.0	
9612927715	218.74	152.4/101.6	152.4/148.4 x 2.0	101.6/97.6 x 2.0	154.0	156.0	



Material Item No.	PPL EUR	Size	Dimension (mm)					
1.4301 (304)		mm	OD/ID x t	A	B	C	D	Nut (hexagon)
9611300053	14.08	25		46.0	30.0	38.3 x 1/8	30.5	
9611300054	20.12	38		61.0	30.0	51.8 x 1/8	43.5	
9611300055	19.73	51		76.0	30.0	65.3 x 1/8	57.0	
9611300056	41.71	63.5		91.0	30.0	78.8 x 1/8	70.0	
9611300057	60.36	76.1		106.5	30.0	92.3 x 1/8	83.0	
9611303970	89.43	101.6		133.4	35.0	126.8 x 1/6	112.0	
1.4404 (316L)		mm	OD/ID x t	A	B	C		Male part
9611303810	12.51	25	25.8/22.2 x 1.8		21.5	37.1 x 1/8		
9611303811	13.39	38	38.5/34.9 x 1.8		21.5	50.6 x 1/8		
9611303812	15.12	51	51.2/47.6 x 1.8		21.5	64.1 x 1/8		
9611303813	19.22	63.5	63.9/60.3 x 1.8		21.5	77.6 x 1/8		
9611303814	41.62	76.1	76.6/73 x 1.8		21.5	91.1 x 1/8		
9611303815	46.35	101.6	102.1/97.3 x 2.4		30.0	125.9 x 1/6		
								Liner
9611309520	8.93	25	25.8/22.2 x 1.8	33.8	21.5			
9611309521	10.3	38	38.5/34.9 x 1.8	47.0	21.5			
9611309522	12.36	51	51.2/47.6 x 1.8	60.5	21.5			
9611309523	20.81	63.5	63.9/60.3 x 1.8	74.0	21.5			
9611309524	25.8	76.1	76.6/73.0 x 1.8	87.5	21.5			
9611303835	33.36	101.6	102.1/97.3 x 2.4	120.7	30.0			
1.4404 (316L)		mm		A	B	C		Blank
9611308290	15.99	25		33.8	10.5	29.0		
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		

NOTE: Seal rings - please see later this chapter.

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

Product code: 5041

1.3

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Material 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	
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	
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	
9611993254	25.75					101.6	119.7	6.2	97.7	
NBR		EPDM		FPM		mm	A	B	D	Seal ring
3131900311	2.99	3131900314	7.2	3131900313	10.14	25	25.5	7.0	32.5	
3131900321	3.19	3131900324	2.83	3131900323	14.68	38	38.0	7.0	46.0	
3131900331	3.4	3131900334	16.95	3131900333	17.04	51	51.0	7.0	59.5	
3131900341	3.61	3131900344	3.69	3131900343	18.32	63.5	63.0	7.0	73.0	
3131900351	3.86	3131900354	4.66	3131900353	18.65	76.1	75.5	7.0	86.5	
9611991477	4.64	9611993692	28.05	**		101.6	110.0	9.5	119.0	

\*\*Not available



Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)				
1.4301 (304)				mm	A	B	C	D	Nut
9611300575	10.3			25	51.0	22.0	46.3 x 1/8	33.3	
9611300576	14.37			38	65.0	22.0	59.0 x 1/8	46.0	
9611300577	19.05			51	79.0	22.0	73.3 x 1/6	58.7	
9611300578	29.05			63.5	92.0	22.0	86.0 x 1/6	71.4	
9611300579	33.96			76.1	105.0	22.0	98.7 x 1/6	84.1	
9611300521	43.53			101.6	130.0	22.0	124.4 x 1/6	110.0	
1.4301 (304)		1.4404 (316L)		mm	OD/ID x t	C	B		Male part
9611303880	12.36	9611303890	14.83	25	25.8/22.2 x 1.8	45.7 x 1/8	27.0		
9611303881	14.42	9611303891	17.3	38	38.5/34.9 x 1.8	58.4 x 1/8	27.0		
9611303882	18.54	9611303892	22.25	51	51.2/47.6 x 1.8	72.7 x 1/6	27.0		
9611303883	25.75	9611303893	30.9	63.5	63.9/60.6 x 1.8	85.4 x 1/6	27.0		
9611303884	28.84	9611303894	34.61	76.1	76.6/73.0 x 1.8	98.1 x 1/6	27.0		
9611303885	39.14	9611303895	46.97	101.6	102/97.6 x 2.2	123.8 x 1/6	31.8		
		1.4404 (316L)		mm	OD/ID x t	A	B		Liner
		9611303991	8.32	25	25.8/22.2 x 1.8	41.3	12.7		
		9611303992	9.27	38	38.5/34.9 x 1.8	54.0	12.7		
		9611303993	10.3	51	51.2/47.6 x 1.8	66.7	12.7		
		9611303994	13.39	63.5	63.9/60.6 x 1.8	79.4	12.7		
		9611303995	18.75	76.1	76.6/73.0 x 1.8	92.1	12.7		
		9611303996	22.89	101.6	102/97.6 x 2.2	117.8	12.7		

NOTE: Seal rings - please see later this chapter.

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

Material Item No.	PPL EUR	Size mm	Dimension (mm)			
1.4404 (316L)			OD/ID x t	A	B	Blank
9611330629	6.32	25		41.3	8.7	
9611330630	7.46	38		54.0	8.7	
9611330631	8.24	51		66.7	8.7	
9611330632	12.84	63.5		79.4	8.7	
9611330633	12.69	76.1		92.1	8.7	
9611330634	19.76	101.6		117.8	8.7	

Material Item No.	PPL EUR	Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size mm	Dimension (mm)		
NBR		EPDM		FPM			A	B	Seal ring
9611990145	2.45	9611992821	3.2	9611992827	6.78	25	33.3	6.6	
9611990146	2.84	9611992822	3.28	9611992828	8.58	38	46.0	6.6	
9611990147	2.89	9611992823	3.88	9611992829	8.83	51	58.7	6.6	
9611990148	3.04	9611992824	4.75	9611992830	8.95	63.5	71.4	6.6	
9611990149	3.08	9611992825	4.93	9611992831	9.7	76.1	84.1	6.6	
9611990550	7.49	9611992826	9.26	9611992832	18.01	101.6	109.5	6.6	

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

Material	PPL	Size	Dimension (mm)			
Item No.	EUR					
1.4404 (316L)		mm	OD/ID x t	A	B	Male part
9612512905	14.35	25.4	25.4/22.2 x 1.60	40 x 1/6	15.0	
9612512906	20.2	38.0	38.0/34.8 x 1.60	60 x 1/6	20.0	
9612512907	19.37	51.0	51.0/47.8 x 1.60	70 x 1/6	20.0	
9612512908	32.02	76.1	76.1/72.1 x 2.0	98 x 1/6	24.0	
1.4404 (316L)		mm	OD/ID x t	A	B	Liner
9612513005	9.25	25.4	25.4/22.2 x 1.60	35.5	7.5	
9612513006	11.68	38.0	38.0/34.8 x 1.60	55.0	9.0	
9612513007	14.28	51.0	51.0/47.8 x 1.60	65.0	9.0	
9612513008	23.22	76.1	76.1/72.1 x 2.0	93.0	10.0	
						Liner, long.
9612513305	14.35	25.4	25.4/22.2 x 1.60	35.5	17.0	
9612513306	17.67	38.0	38.0/34.8 x 1.60	55.0	20.0	
9612513307	19.57	51.0	51.0/47.8 x 1.60	65.0	20.0	
9612513308	30.41	76.1	76.1/72.1 x 2.0	93.0	30.0	

NOTE: For nuts and seal rings, please see under SMS fittings.

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
9611340170	8.73	9611340180	10.3	25	25.7/22.2 x 1.75		50.4	12.7	
9611340171	12.21	9611340181	13.39	38	38.4/34.9 x 1.75		50.4	12.7	
9611340172	12.88	9611340182	15.45	51	51.1/47.5 x 1.8		63.9	12.7	
9611340173	15.97	9611340183	26.78	63.5	63.8/60.2 x 1.8		77.4	12.7	
9611340174	20.6	9611340184	28.84	76.1	76.5/72.9 x 1.8		90.9	12.7	
9611340175	38.11	9611340185	46.35	101.6	101.9/97.4 x 2.25		118.9	15.9	
660016	254.62	9634049938	297.05	154	152.7/146.9 x 2.9		166.7	38.1	
		1.4404 (316L)		mm	A	B	C	D	Clamp ferrule
		610205	14.94	12.7	9.4	12.7	25.4	12.7	
		610238	14.94	19	15.8	19.0	25.4	12.7	
		9613417203	11.85	25.4	22.2	25.4	50.5	21.5	
		9613417204	11.85	38.1	34.9	38.1	50.5	21.5	
		9613417205	14.73	51	47.6	50.8	64.0	21.5	
		9613417206	20.6	63.5	60.3	63.5	77.5	21.5	
		9613417207	25.67	76.1	73.0	76.2	91.0	21.5	
		9613417208	36.05	101.6	97.6	101.6	119.0	21.5	
									Blank
9611340590	12.51	9611340600	13.89	25	50.4	6.4			
9611340590	12.51	9611340600	13.89	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			
261220	293.88	260237	367.38	154	166.8	11.1			

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)		
			A	B	
1.4301 (304)		mm			<b>13MHHM Clamp ring (Finger nut)</b>
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		
210129	166.43	152.4	169.9		
<b>A13MHHM Clamp ring (Finger nut)</b>					
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		
211058	116.51	152.4	169.9		
<b>Clamp ring (Allen Screws)</b>					
9611311051	11.56	25	85.5	58.5	
9611311051	11.56	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	
<b>Clamp ring, wingnut</b>					
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		

NOTE: Seal rings - please see later this chapter.

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

Product code: 5045

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Material Item No.	PPL EUR	Material Item No.	PPL EUR	Material Item No.	PPL EUR	Size	Dimension (mm)			
						mm	A	B	D	Seal ring ISO 2852
9611991358	2.8	9611990765	2.19	9611991890	30.77	25	52.7	5.5	22.8	
9611991359	2.8	9611990766	2.19	9611991891	30.77	38	52.7	5.5	35.8	
9611991360	3.25	9611990767	2.67	9611991892	35.58	51	66.2	5.5	48.8	
9611991361	3.55	9611990768	2.8	9611991893	51.03	63.5	79.7	5.5	60.5	
9611991362	3.98	9611990769	4.54	9611991894	61.39	76.1	93.2	5.5	73.1	
9611991363	7.23	9611990770	5.91	9611991895	75.45	101.6	121.2	5.5	97.8	
290131	19.26					154	169.0	5.0	147.0	
						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	