Dimensions Are In Millimetres

DN	Inner Dia of the Inner Ring	Inner Dia of the Sealing Element	Inner Diameter of the Guide Ring	Inner Diameter of the Guide Ring	Outside Diameter of the Guide Ring for Each Pressure Class					
	d1	d2 min	d3 min	d3 min	d4					
			PN10, PN25, PN40	PN63, PN100, PN160	PN10	PN25	PN40	PN63	PN100	PN160
10	18	24	34	34	46			56		
15	23	29	39	39	51			61		
20	28	34	46	-	61			-		
25	35	41	53	53	71			82		
32	43	49	61	-	82			-		
40	50	56	68	68	92			103		
50	61	70	86	86	107			113	119	
65	77	86	102	106	127			137	143	
80	90	99	115	119	142			148	154	
100	115	127	143	147	162	168		174	180	
125	140	152	172	176	192	194		210	217	
150	167	179	199	203	217	224		247	257	
200	216	228	248	252	272	284	290	309	324	
250	267	279	303	307	327	340	352	364	391	388
300	318	330	354	358	377	400	417	424	458	458
350	360	376	400	404	437	457	474	486	512	-
400	410	422	450	456	488	514	546	543	572	-
500	510	522	550	556	593	624	628	657	704	-
600	610	622	650	656	695	731	747	764	813	-
700	710	722	756	762	810	833	852	879	950	-
800	810	830	864	870	917	942	974	988	-	-
900	910	930	964	970	1017	1042	1084	1108	-	-
1000	1010	1030	1074	1080	1124	1154	1194	-	-	-

With these dimensions the inner ring will not protrude into the bore of the pipe to be sealed

MARKING

The guide ring shall be marked with the following information:

- Manufacturer's name or trade mark;
- DN followed by the appropriate number;
- The PN designation followed by the appropriate number;
- The manufacturer's symbols or colour coding as required in 8.2 for the materials of the metal winding, the filler material and centering ring, unless the latter is carbon steel and inner ring unless it is 304 stainless steel.

EXAMPLE OF GUIDE RING MARKING: AAA/BBB, DN 300, PN25, XXX

Gaskets shall be identified either individually or on the packaging containing the gasket(s) with the number of this European Standard, i.e. EN 1514-2.

GASKET TYPES

Gaskets shall be one of the following types:

a) Type C/I sealing element with centering ring and inner ring;
b) Type C/O sealing element with centering ring.

All gaskets shall have a centering ring.
All PN 63 and PN100 gaskets shall have an inner ring.
All gaskets containing PTFE filler material shall have an inner ring.

Note 1.

The use of an inner ring is recommended for all PN designations and the purchaser should specify on his enquiry and / or order, if an inner ring is required for PN 10, PN25 and PN40 gaskets (see annex A).

Note 2.

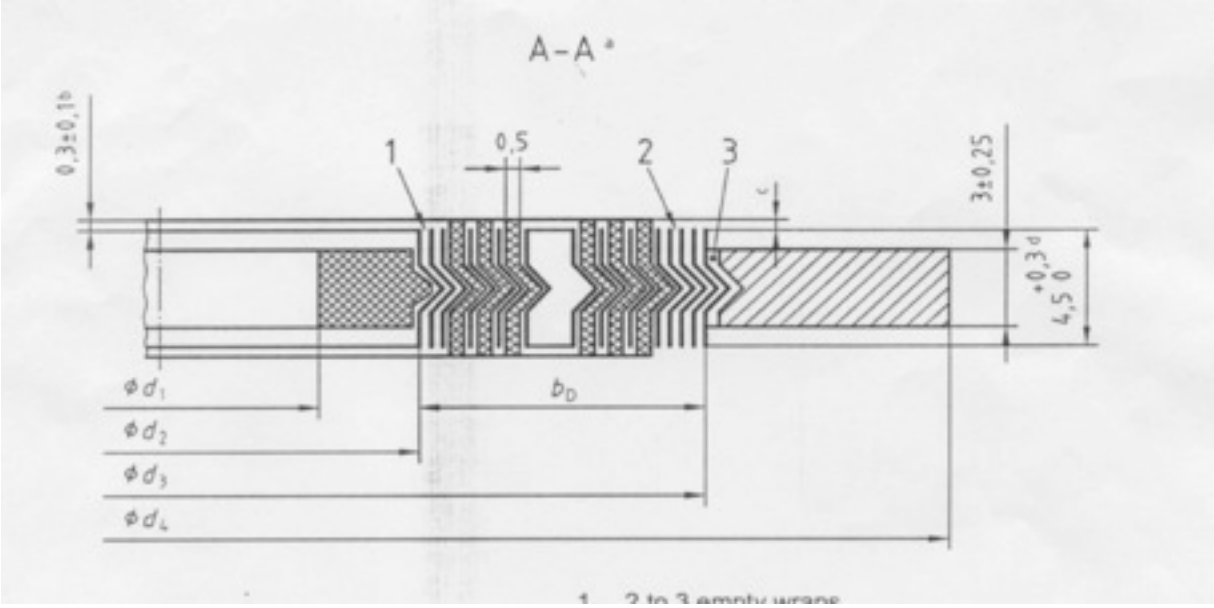
The selection of gasket type should take into account the fluids, the operating conditions, the properties of the gasket materials, the type and surface finish of the flange facing and the flange bolt loading.

It is recommended that selection of gaskets for any particular application is made in consultation with the gasket supplier (see annex A).

Dimensions

The dimensions of the spiral wound gaskets for types A and B flange facings are given in table 25 (table 1 in EN1514 -2: 2005) and overall thickness, including filler shall be as given in figure 2.

Figure 2. Spiral Wound Gasket Details



Tolerances - BS/EN 1514 Pt 2 For BS 4504 Flanges- In Millimetres

	CENTERING RING			SEALING ELEMENT			INNER RING		
	O/D	I/D	THK	O/D	I/D	THK	O/D	I/D	THK
< 600mm	+ 0 - 0.8	+ 0 - 0.8	2.75 to 3.25	+ 0 - 0.8	+ 0.4 - 0	4.5 + 0.3 4.5 - 0	+ 0.4 - 0	+ 0.4 - 0	2.75 to 3.25
> 600mm	+ 0 - 1.5	+ 0 - 1.5		+ 0 - 1.5	+ 0.8 - 0	4.5 + 0.3 4.5 - 0	+ 0.8 - 0	+ 0.8 - 0	