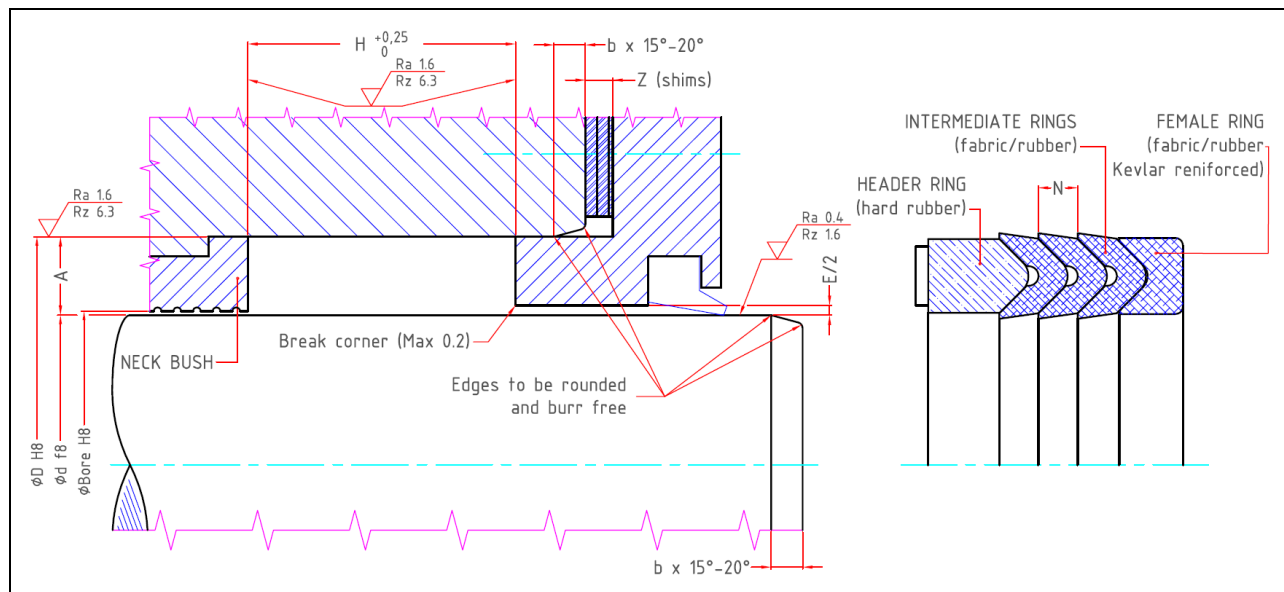


CARCOTEX/UN/ROS

V-packing made of rubber proofed fabric for ROD sealing



Carcotex/UN/ROS is our classic multi-lip hydraulic packing suitable for heavy and critical duties, adverse mechanical conditions and long useful lifetime.

Carcotex/UN/ROS is composed by intermediate V-rings, a female ring (called also pressure or gland ring) and a male ring (called also header or support ring). The Carcotex/UN/ROS components are designed to give optimal radial forces ensuring best sealing in a wide range of pressure.

Initial sealing is provided by pre-load produced by the axial clamping force generated when the gland is tightened to close the seal to the design stack height. Spacers may be used to adjust the stack height as necessary to adjust static sealing or compensate for seal wear.

Carcotex/UN/ROS is designed to withstand large axial and radial loads. This type of seal is typically used as rod seal in medium and heavy duty cylinders and hydraulic presses.

Carcotex/UN/ROS provides the following benefits compared to the other hydraulic sealing solutions:

- Multi-lip seal which provides multi contact point. For this reason, Carcotex/UN/ROS can be provided in split version ensuring a very good sealing performance and reducing dramatically the machine shut-down costs.
- The rubber proofed fabric construction can withstand high radial load and due to the honeycomb fabric structure, which creates oil pockets, the friction forces are reduced.
- The hard rubber header with multiple rubber bumps on top, which act as springs assuring a constant pre-load and provide a degree of compensation for wear. The header can be easily machined to achieve any requested housing length.
- Very high extrusion resistant materials for the female ring: rubber proofed cotton fabric with Kevlar reinforcement (standard material) or as alternative Nylon or PTFE ring. Available also a self-aligning version (SA) or a corner reinforced version (BU).
- Header and female rings are usually supplied in split version to give correct alignment to the adjacent intermediate v-rings.
- On request the "Carcoflon" coating treatment can be applied on the dynamic side of the V-rings to avoid stick slip effect during the first runs and to give an appreciated friction reduction.

Carcotex/UN/ROS is designed for adjustable and non-adjustable housing.

Materials and working conditions

Material Designation	Material Description	Working Temperature (°C)	Peak Temperature (°C)	Max. Speed (m/s)	Max. Pressure (bar)
S800	NBR/Cotton	-20 ÷ +100	-30 / +120	3	400
HT700	HNBR/Cotton	-30 ÷ +140	-40 / +160	3	400
Z400	FKM/Cotton	-20 ÷ +150	-30 / +170	3	400
Z490	FKM/Nomex	-20 ÷ +180	-30 / +200	3	400

The stated working limits are not an indication that these values can be applied simultaneously. The max. speed can be applied only in case of low frequency cycling.

For large extrusion gap the female ring can be supplied in alternative plastic materials like PA, PTFE, POM, PEEK etc. depending on the specific application.

Installation and hardware requirements

Carcotex/UN/ROS is designed to work in a housing with fixed length or adjustable length.

The housing with adjustable length gives the advantage of an optimal compression and low friction. After long working time, if the V-packing starts leaking, the optimal axial compression can be recovered by the reduction of the housing length. To adjust the housing length we recommend the use of multiple metal shims with a total thickness $Z = H \times 0,1$, which means a re-adjustability level of 10 % of the housing length.

Carcotex/UN/ROS is recommended with a minimum of 3 intermediate V-rings and no more than 5 intermediates to avoid an excess of friction forces.

Carcotex/UN/ROS is usually supplied in split version (all the rings are open). The advantage of this version is that in the event of a repair and replacement of the seal no major erection work is required. In case an endless V-packing is specified, only the sealing elements (intermediate V-rings) are endless, unless otherwise specified.

Extrusion clearance

The gap between the rod and the inside circumference of the gland follower must be as small as possible. Clearance larger than the maximum permissible values here indicated in the table can cause the extrusion of the female ring with the consequent failure of the sealing system.

Recommended cross section and chamfer requirements

Shaft Ød (mm)	A (mm)	b x 15°÷ 20° (mm)
50÷150	10	5
100÷200	12,5	6,2
150÷450	15	7,5
400÷800	20	10
> 600	25	12,5

A (mm)	Max. extrusion clearance E (mm)	
	0 – 200 bar	200-400 bar
10	0,4	0,2
12,5	0,4	0,2
15	0,5	0,3
20	0,6	0,4
25	0,7	0,5

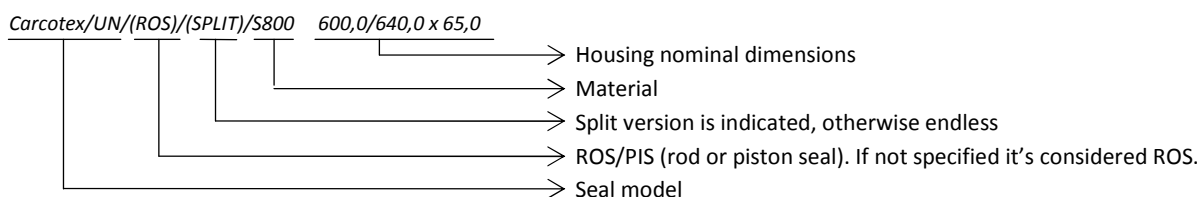
V-Packing composition and housing length

Carcotex/UN/ROS is usually supplied with 3 to 5 intermediate V-rings. The use of more than 5 intermediate V-rings is not recommended due to the increase of the friction forces.

By machining the male adapter CARCO can produce V-packing for different housing lengths within the limits listed in the following table:

A (mm)	Housing length range (mm)						
	1+3+1		1+4+1		1+5+1		N
	H min	H max	H min	H max	H min	H max	
10	29,3	34,2	34,3	39,2	39,3	44,2	5,0
12,5	37,2	43,4	43,5	49,7	49,7	55,8	6,2
15	45,0	52,4	52,5	59,9	60,0	67,4	7,5
20	57,6	67,5	67,6	77,5	77,6	87,5	10,0
25	68,1	80,6	80,7	93,1	93,2	105,6	12,5

Denomination



Note: All data and information in this data-sheet is based upon years of experience in the manufacture and application of sealing element and is given in good faith. In spite of all efforts on our part, suggestions included here cannot be regarded as generally binding because of the various unknown factors which arises in particular application. Data are subject to change without notice. The operating limits indicated in the data-sheet are given as indication and have to be verified in case of concomitance.

CARCOTEX/UN/ROS - DIMENSIONAL TABLE

The dimensional table is referred to the standard metric sizes in endless version. The split version is produced from the endless version or from a larger size with a maximum reduction of 30% (for OD smaller than 200mm the maximum reduction is 20%).

H¹ or H²: alternative standard housing lengths. By machining the male adapter other housing lengths are achievable. As alternative an additional back-up ring can be used to get a different housing length.

Other dimensions or imperial sizes are available. Pls. contact our sales office for a non-listed size.

Ød	ØD	A	b	1+3+1		1+4+1		1+5+1		N
				H ¹	H ²	H ¹	H ²	H ¹	H ²	
50	70	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
50	75	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
52	72	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
55	75	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
56	76	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
58	78	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
60	80	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
60	85	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
62	82	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
63	83	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
65	85	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
65	90	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
65	95	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
66	86	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
70	90	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
70	95	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
70	100	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
72	92	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
75	95	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
75	100	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
75	105	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
77	102	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
80	100	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
80	105	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
80	110	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
85	105	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
85	110	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
90	110	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
90	115	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
90	120	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
95	115	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
95	120	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
95	125	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
98	118	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
100	120	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
100	125	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
100	130	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
100	140	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
101,6	126,6	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
105	125	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
105	130	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
105	135	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
106	126	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
108	133	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
110	130	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
110	135	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
110	140	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
115	140	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
115	145	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
120	140	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
120	145	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
120	150	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
125	145	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5

CARCOTEX/UN/ROS - DIMENSIONAL TABLE

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H¹ or H²: alternative standard housing lengths. By machining the male adapter other housing lengths are achievable. As alternative an additional back-up ring can be used to get a different housing length.

Other dimensions or imperial sizes are available. Pls. contact our sales office for a non-listed size.

Ød	ØD	A	b	1+3+1		1+4+1		1+5+1		N
				H ¹	H ²	H ¹	H ²	H ¹	H ²	
125	150	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
125	155	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
130	150	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
130	155	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
130	160	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
135	155	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
135	160	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
135	165	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
140	160	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
140	165	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
140	170	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
145	170	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
145	185	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
150	170	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
150	175	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
150	180	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
155	175	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
155	185	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
157	187	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
160	180	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
160	185	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
160	190	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
165	195	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
170	190	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
170	195	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
170	200	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
175	200	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
175	205	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
180	200	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
180	205	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
180	210	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
180	220	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
184,1	209,1	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
185	215	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
186	216	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
190	220	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
190	230	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
195	225	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
198	228	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
200	220	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
200	225	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
200	230	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
205	225	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
205	235	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
210	230	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
210	240	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
215	245	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
220	245	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
220	250	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
220	260	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
225	250	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
225	255	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
225	265	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10

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The dimensional table is referred to the standard metric sizes in endless version. The split version is produced from the endless version or from a larger size with a maximum reduction of 30% (for OD smaller than 200mm the maximum reduction is 20%).

H¹ or H²: alternative standard housing lengths. By machining the male adapter other housing lengths are achievable. As alternative an additional back-up ring can be used to get a different housing length.

Other dimensions or imperial sizes are available. Pls. contact our sales office for a non-listed size.

Ød	ØD	A	b	1+3+1		1+4+1		1+5+1		N
				H ¹	H ²	H ¹	H ²	H ¹	H ²	
230	250	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
230	260	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
230	270	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
235	265	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
240	270	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
240	280	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
245	275	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
250	270	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
250	280	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
250	290	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
250	300	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
255	285	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
260	290	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
260	300	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
262	292	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
265	295	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
270	300	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
270	310	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
275	305	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
280	310	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
280	320	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
285	315	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
290	320	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
290	330	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
294	324	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
295	325	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
300	320	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
300	330	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
300	340	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
305	330	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
305	335	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
305	345	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
310	330	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
310	340	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
310	350	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
315	345	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
315	355	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
320	350	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
320	360	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
325	365	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
330	360	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
330	370	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
335	375	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
340	370	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
340	380	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
350	380	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
350	390	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
350	400	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
355	385	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
357	382	12,5	6,2	40,0	42,5	46,0	48,5	50,0	55,0	6,2
360	380	10	5	30,0	32,0	35,0	37,0	40,0	42,0	5
360	390	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
360	400	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10

CARCOTEX/UN/ROS - DIMENSIONAL TABLE

The dimensional table is referred to the standard metric sizes in endless version. The split version is produced from the endless version or from a larger size with a maximum reduction of 30% (for OD smaller than 200mm the maximum reduction is 20%).

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Ød	ØD	A	b	1+3+1		1+4+1		1+5+1		N
				H ¹	H ²	H ¹	H ²	H ¹	H ²	
370	400	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
370	410	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
375	405	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
380	410	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
380	420	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
390	420	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
390	430	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
400	430	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
400	440	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
400	450	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
410	450	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
413,5	443,5	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
415	455	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
420	450	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
420	460	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
422	452	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
430	460	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
430	470	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
435	475	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
440	470	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
440	480	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
440	480	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
450	480	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
450	490	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
450	500	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
455	495	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
455	505	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
460	490	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
460	500	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
460	510	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
470	500	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
470	510	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
475	515	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
480	510	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
480	520	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
480	520	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
480	530	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
485	525	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
490	520	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
490	530	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
492	532	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
500	530	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
500	540	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
500	550	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
505	545	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
510	550	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
510	560	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
515	545	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
520	550	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
520	560	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
520	570	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
525	565	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
530	570	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10

CARCOTEX/UN/ROS - DIMENSIONAL TABLE

The dimensional table is referred to the standard metric sizes in endless version. The split version is produced from the endless version or from a larger size with a maximum reduction of 30% (for OD smaller than 200mm the maximum reduction is 20%).

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Ød	ØD	A	b	1+3+1		1+4+1		1+5+1		N
				H ¹	H ²	H ¹	H ²	H ¹	H ²	
530	580	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
535	585	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
540	570	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
540	580	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
545	575	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
550	580	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
550	590	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
555	595	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
560	600	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
560	610	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
565	595	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
565	615	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
580	620	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
585	625	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
585	635	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
590	630	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
595	635	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
600	630	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
600	640	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
600	650	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
610	650	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
615	655	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
620	650	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
620	660	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
620	670	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
625	665	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
625	675	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
630	670	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
630	680	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
640	680	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
640	690	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
650	680	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
650	690	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
660	700	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
665	715	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
668	708	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
670	710	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
680	720	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
680	730	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
690	740	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
695	745	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
700	730	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
700	740	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
700	750	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
710	750	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
725	765	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
725	775	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
730	780	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
750	790	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
750	800	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
755	805	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
760	800	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
760	810	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5

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Ød	ØD	A	b	1+3+1		1+4+1		1+5+1		N
				H ¹	H ²	H ¹	H ²	H ¹	H ²	
762	802	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
770	810	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
780	830	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
785	835	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
800	840	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
800	850	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
810	850	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
810	860	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
820	860	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
820	870	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
850	890	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
850	900	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
860	900	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
896	946	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
900	930	15	7,5	45,0	50,5	52,5	58,0	60,0	65,0	7,5
925	965	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
940	980	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
1000	1050	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5
1070	1110	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
1215	1255	20	10	60,0	65,0	70,0	75,0	80,0	85,0	10
1260	1310	25	12,5	70,0	75,0	82,5	87,5	95,0	100,0	12,5