



WATERKING
DREDGING EQUIPMENT HOLLAND

**DREDGING HOSES,
HDPE AND FLOATS**

DREDGING HOSES

Continental dealer

Continental worldwide known for quality

Waterking is dealer of Continental dredging hoses. The high quality hoses are developed and manufactured for various kind of projects such as transportation of different types of soil (sand and silt), granulates and liquids.

The dredging hoses of Continental are manufactured in a unique manner.

Rubber hoses

The rubber tubes are reinforced by cord fabrics which are vulcanized in between several rubber layers. That makes the hoses at the same time flexible and strong enough to work extremely reliable even under extreme conditions.

The production facility is certified in accordance with DIN EN ISO 9001.

The flexible and high pressure hoses are mainly used for dredging activities.

The hoses can be attached between a dredger and a discharge line such as HDPE pipes.

Suction and pressure hoses are used for:

- Hydraulic transport of various materials (abrasion layer thicknesses of 10-50 mm)
- Pneumatic transport of granulated and powdery materials
- Transporting untreated fresh or salt water
- Pressures up to 100 bar (dependent on the interior diameter)

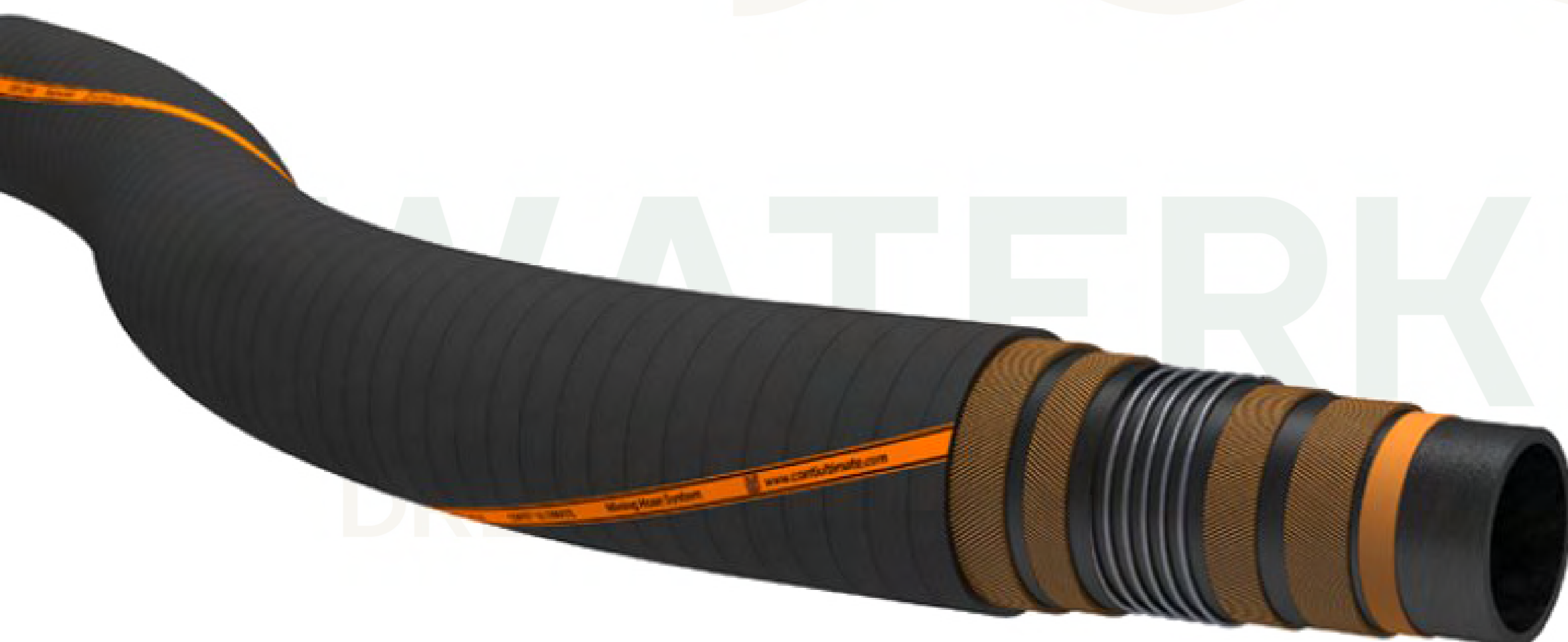
Dimensions:

Diameter: 150-750 MM | 5.9"-29.5"

Length: Max 11.80 M | 38'7"

Options:

- Every other length is possible on request
- Flexible hoses inclusive floats



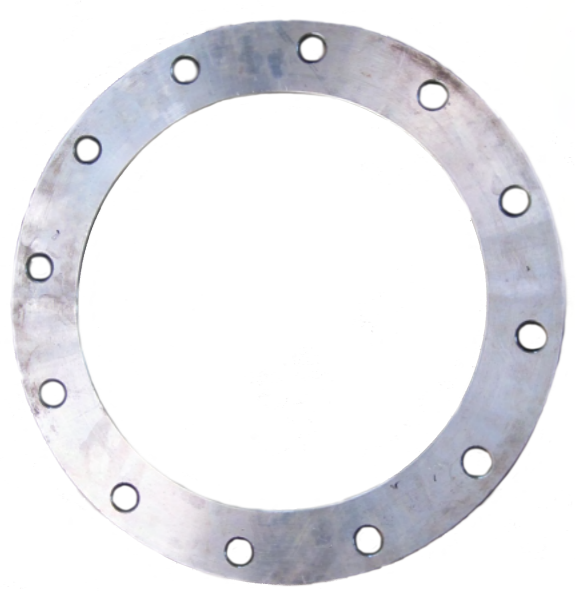
WATERKING
HOLLAND

HDPE PIPES

Development in constant motion at Waterking

In the dredging industry before 1980 steel pipes were all we were familiar with over the entire world. In the years that followed the Dutch were one of the first to use HDPE pipes instead of steel. Waterking has gained a lot of experience through the years with the production and the use of HDPE pipes.

We provide you with the right advise and products that will suit your project best. We delivered hundreds of kilometers of HDPE pipes over the entire world.



HDPE PIPES PE 100

DN mm	SDR 41 PN 4		SDR 33 PN 5		SDR 27,6 PN 6		SDR 22 PN 8		SDR 17 PN 10		SDR 13,6 PN 12,5		SDR 11 PN 16		SDR 9 PN 20		SDR 7,4 PN 25		SDR 6 PN 32	
	S mm	kg/m	S mm	kg/m	S mm	kg/m	S mm	kg/m	S mm	kg/m	S mm	kg/m	S mm	kg/m	S mm	kg/m	S mm	kg/m	S mm	kg/m
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,0	0,12
20	-	-	-	-	-	-	-	-	-	-	-	-	2,0	0,11	2,3	0,13	3,0	0,16	3,4	0,18
25	-	-	-	-	-	-	-	-	-	-	-	-	2,3	0,16	3,0	0,21	3,5	0,24	4,2	0,28
32	-	-	-	-	-	-	-	-	2,0	0,19	-	-	3,0	0,27	3,6	0,32	4,4	0,38	5,4	0,45
40	-	-	-	-	-	-	-	-	2,4	0,29	3,0	0,36	3,7	0,42	4,5	0,50	5,5	0,60	6,7	0,70
50	-	-	-	-	1,8	0,29	2,4	0,36	3,0	0,45	3,7	0,54	4,6	0,66	5,6	0,78	6,9	0,93	8,3	1,08
63	1,8	0,36	2,0	0,39	2,4	0,47	3,0	0,57	3,8	0,71	4,7	0,87	5,8	1,04	7,1	1,25	8,6	1,46	10,3	1,69
75	1,9	0,45	2,3	0,54	2,7	0,63	3,6	0,81	4,5	1,01	5,6	1,23	6,8	1,46	8,4	1,75	10,3	2,08	12,5	2,43
90	2,3	0,64	2,8	0,78	3,3	0,93	4,3	1,16	5,4	1,45	6,7	1,76	8,2	2,11	10,1	2,53	12,3	2,99	15,0	3,51
110	2,7	0,93	3,4	1,16	4,0	1,37	5,3	1,74	6,6	2,15	8,1	2,60	10,0	3,13	12,3	3,76	15,1	4,47	18,3	5,22
125	3,1	1,22	3,9	1,50	4,5	1,74	6,0	2,25	7,4	2,74	9,2	3,35	11,4	4,06	14,0	4,87	17,1	5,76	20,8	6,74
140	3,5	1,52	4,3	1,86	5,1	2,21	6,7	2,81	8,3	3,44	10,3	4,20	12,7	5,06	15,7	6,09	19,2	7,23	23,3	8,45
160	4,0	1,97	4,9	2,40	5,8	2,87	7,7	3,69	9,5	4,50	11,8	5,48	14,6	6,64	17,9	7,94	21,9	9,42	26,6	11,03
180	4,4	2,46	5,5	3,04	6,5	3,61	8,6	4,64	10,7	5,69	13,3	6,96	16,4	8,40	20,1	10,04	24,6	11,91	29,9	13,94
200	4,9	3,02	6,2	3,81	7,2	4,44	9,6	5,75	11,9	7,02	14,7	8,53	18,2	10,36	22,4	12,42	27,4	14,73	33,2	17,21
225	5,5	3,82	6,9	4,74	8,2	5,68	10,8	7,26	13,4	8,90	16,6	10,83	20,3	13,00	25,2	15,72	30,8	18,61	37,4	21,79
250	6,2	4,79	7,7	5,88	9,1	6,99	11,9	8,89	14,8	10,91	18,4	13,34	22,7	16,12	27,9	19,32	34,2	22,98	41,5	26,87
280	6,9	5,94	8,6	7,35	10,1	8,71	13,4	11,18	16,6	13,70	20,6	16,72	25,4	20,21	31,3	24,28	38,3	28,82	46,5	33,71
315	7,7	7,46	9,7	9,32	11,4	11,02	15,0	14,10	18,7	17,35	23,2	21,19	28,6	25,58	35,2	30,72	43,1	36,48	52,3	42,66
355	8,7	9,49	10,9	11,78	12,9	14,05	16,9	17,86	21,1	22,09	26,1	26,87	32,2	32,47	39,7	39,01	48,5	46,25	59,0	54,19
400	9,8	12,03	12,3	15,01	14,5	17,83	19,1	22,72	23,7	27,91	29,4	34,07	36,3	41,23	44,7	49,49	54,7	58,75	66,7	68,95
450	11,0	15,17	13,8	18,90	16,3	22,52	21,5	28,81	26,7	35,36	33,1	43,16	40,9	52,21	50,3	62,66	61,5	74,32	-	-
500	12,3	18,89	15,3	23,31	18,1	27,74	23,9	35,56	29,7	43,70	36,8	53,25	45,4	64,42	55,8	77,22	-	-	-	-
560	13,7	23,52	17,2	29,34	20,3	34,84	26,7	44,51	33,2	54,74	41,2	66,81	50,8	80,70	62,2	96,43	-	-	-	-
630	15,4	29,75	19,3	37,01	22,8	43,99	30,0	56,24	37,4	69,33	46,3	84,45	57,2	102,25	-	-	-	-	-	-
710	17,4	37,86	21,8	47,04	25,7	55,89	33,9	71,52	42,1	87,97	52,2	107,28	64,5	129,97	-	-	-	-	-	-
800	19,6	48,01	24,5	59,58	29,0	71,11	38,1	90,58	47,4	111,55	58,8	136,09	-	-	-	-	-	-	-	-
900	22,0	60,55	27,6	75,47	32,6	89,82	42,9	114,77	53,3	141,11	66,2	172,29	-	-	-	-	-	-	-	-
1000	24,5	74,98	30,6	92,96	36,2	110,84	47,7	141,83	59,3	174,39	73,5	212,64	-	-	-	-	-	-	-	-
1200	29,4	107,93	36,7	133,73	43,5	159,84	57,2	203,39	70,6	248,56	-	-	-	-	-	-	-	-	-	-
1400	34,3	146,87	42,9	182,28	50,7	217,01	66,7	276,21	82,4	337,82	-	-	-	-	-	-	-	-	-	-
1600	39,2	191,80	49,0	237,89	58,0	283,79	76,2	360,37	94,1	440,55	-	-	-	-	-	-	-	-	-	-

* Diameter pipe: Externally S = Wall thickness (single-sided) Flanges = Aluminium and Steel

FLOATS

Floaters

To keep the flexible dredging hoses afloat, floaters can be used. The floaters for pipelines are made of polyethylene and are impact-resistant.

The floaters are easily created from two half shells linked together by galvanized bolts.

Floaters with second generation technology

They are manufactured with the help of a rotational moulding system. The product will be shaped in a mould by tension free heating of PE powder. Because of the rotation the PE melts against the inner sides of the mould and will take on the shape of the mould. The product will be chilled after this process. By processing the basic product tension free the floater has a thickness uniformity and is a monolithic seamless product. It has great impact strength and has UV ray protection.

Why we choose to offer floaters without foam

On request we can deliver the floaters with polyurethane foam. Waterking however advises to buy floaters without polyurethane foam because of the much higher price/quality ratio in comparison to floaters that do have the foam. Whenever a tear or other damage appears on one of the floaters that do have foam these can't be repaired. In case of the empty floaters the damage usually can be repaired. Besides that the big advantage is that the empty floaters can be recycled.



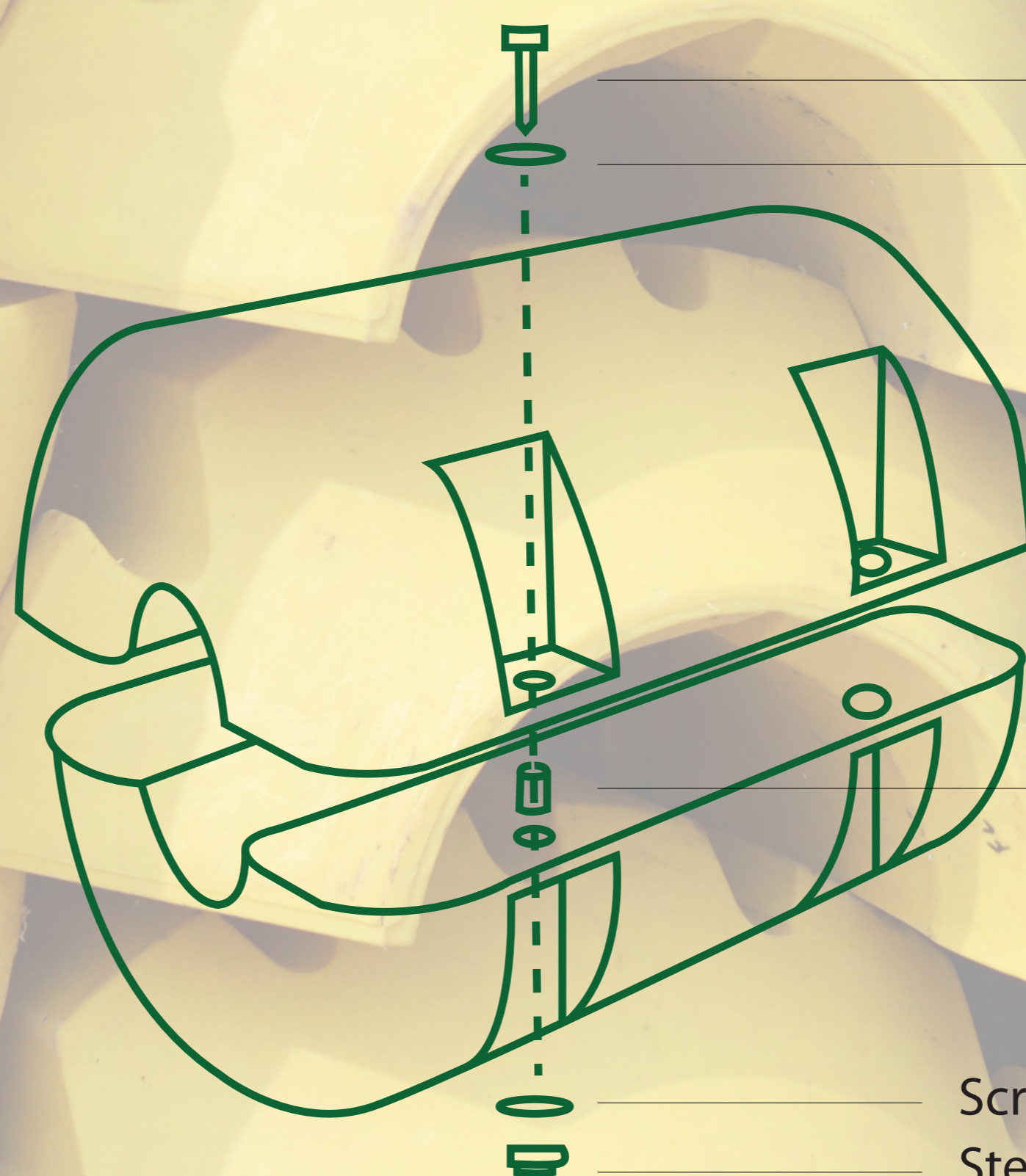
L1200 x 1250



L700 x 1000



L700 x 800



Screws
Washer

Spacers

Screws
Steel nut

SPECIFICATIONS FLOATS

FLOATERS

FLOATER FF DIAMETER 110 TOT 160 MM	DIMENSIONS			EMPTY (WITHOUT FOAM)	
	Ø Pipes	Ø Int.	Ø Ext.	Length	Net push kg
FF 110	110	95	450	550	81
FF 125	125	120	450	550	80
FF 140	140	135	450	550	78
FF 160	160	155	155	550	77
FLOATER HD DIAMETER 180TOT 560 MM	DIMENSIONS			EMPTY (WITHOUT FOAM)	
	Ø Pipes	Ø Int.	Ø Ext.	Length	Net push kg
HD 180	180	180	800	700	276
HD 200	200	200	800	700	274
HD 225	225	225	800	700	266
HD 250	250	250	800	700	260
HD 280	280	280	1000	700	388
HD 315	315	315	1000	700	376
HD 355	355	355	1000	700	374
HD 400	400	400	1400	700	840
HD 450	450	450	1400	700	820
HD 500	500	500	1400	700	794
HD 560	560	560	1400	700	760
FLOATER FR DIAMETER 180 TOT 710 MM	DIMENSIONS			EMPTY (WITHOUT FOAM)	
	Ø Pipes	Ø Int.	Ø Ext.	Length	Net push kg
FR 180	180	180	750	1200	480
FR 225	225	220	750	1200	475
FR 250	250	230	750	1200	470
FR 280	280	280	850	1200	580
FR 315	315	305	850	1200	565
FR 350	350	330	850	1200	555
FR 400	400	390	850	1200	490
FR 400	400	390	1250	1200	1270
FR 450	450	440	1250	1200	1230
FR 500	500	490	1250	1200	1190
FR 560	560	550	1250	1200	1135
FR 630	630	620	1250	1200	1050
FR 630	630	620	1500	1200	1700
FR 710	710	700	1500	1200	1600

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