



# Curing Bladders

Technical Databook 2022 / 2023

## About us

Founded in 1871, Continental has extensive know-how in tire technology and consequently, in the manufacturing and application of bladders for tire production.

The ContiBladders Unit has been established to focus all bladder related expertise and resources from various areas of our corporation into one organization to better serve our worldwide customers.

We are committed to create value for our customers by providing high quality ContiBladders for curing and tire building at competitive prices.

Every year we manufacture more than 750.000 ContiBladders used in our customer's plants worldwide.

In our warehouses we constantly keep about 70.000 bladders on inventory for quick delivery.

Triggered by customer specific requirements, we develop new solutions for curing and tire building bladders, applying e.g. Finite Element Method (FEM) and the full range of R&D resources available at Continental.

Using our products, you benefit from our experience of producing more than 155 million tires per year in Continental Tire plants.

With ContiBladders manufacturing sites on three continents and tire plants all over the world, we have our products and application support as close as possible.

Wherever you are, we are nearby.



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## Advantages of ContiBladders

- › ContiBladders Unit is an independent organization inside the Continental Corporation, fully dedicated to development, manufacturing and sales of bladders
- › ContiBladders R&D utilizes all resources of Continental's tire R&D
- › Customer specific developments
- › Extensive bladder application experience from both Continental tire plants and worldwide customers
- › Excellent technical and logistical support for our customers
- › Global manufacturing and support base
- › Sufficient inventory for just-in-time delivery
- › Sustainable and flexible compound
- › Bladder contour optimized to tire contour
- › Surface structure to prevent trapped air
- › Long lasting and simple to use during service



## Recommendations for achieving best Bladder Performance

ContiBladders are manufactured using a well proven long-lasting heat conductive butyl rubber compound. The high degree of elasticity of the bladder guarantees trouble-free molding and stripping.

The following points should be considered under all circumstances:

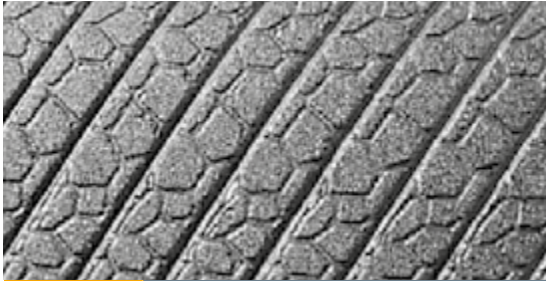
1. Bladders should be stored in a dark and dry place, protected from direct sunlight and ozone sources.
2. Please follow press manual instructions for proper mounting. Any imperfection of the bladder mounting rings needs to be avoided.
3. Before mounting bladders into curing press we recommend to pre-treat the bladders with a bladder coating material.
4. Before tire curing starts, the bladder should be fully warmed up. For this, the machine should be operated according to the press manual.
5. In case of pre-inflating during the warm up, the bladder outside diameter must not exceed the tire sidewall plate outside diameter of the tire mold, in order to avoid non-symmetric deformation.
6. If the bladder has cooled down after an interruption in the curing process, it is imperative to warm it up again.
7. Heavily oxygenated water should be neutralized by the addition of oxygen scavengers or similar ingredients, in order to avoid deterioration of the bladder.
8. To avoid sticking, trapped air or stripping problems, a proper application of a tire inside paint is recommended.

To optimize your bladder performance furthermore we recommend the application of a permanent bladder coating material.

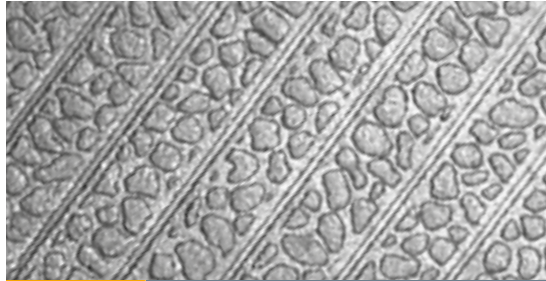
For our customers, we offer on-site service to optimize bladder application and performance.

In case of any questions please contact your responsible sales representative (see on page 3).

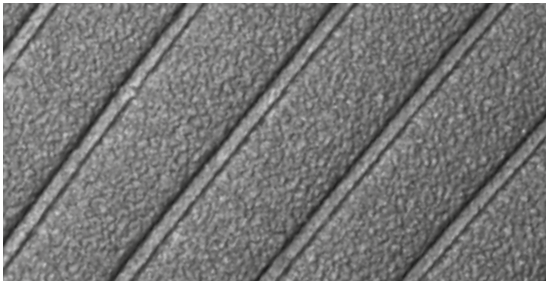
## ContiBladders Surface Design



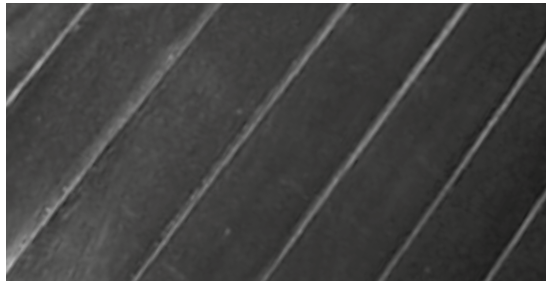
**Type 1** Advanced pebbles



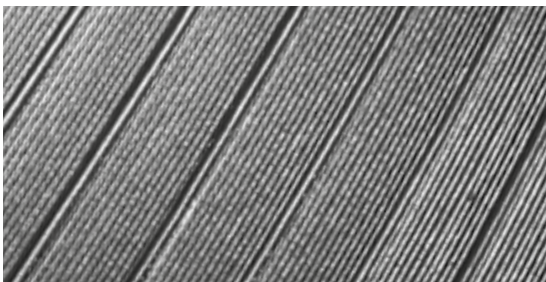
**Type 2** Standard pebbles



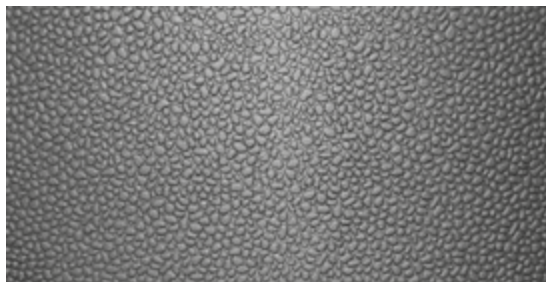
**Type 3** Fine sandpaper



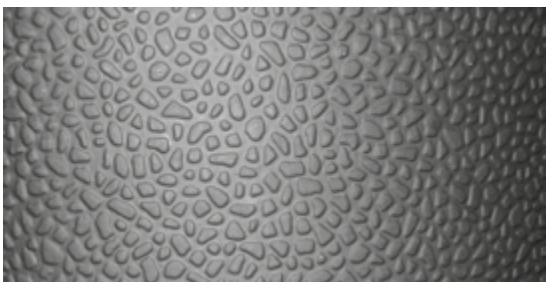
**Type 4** Smooth, venting grooves



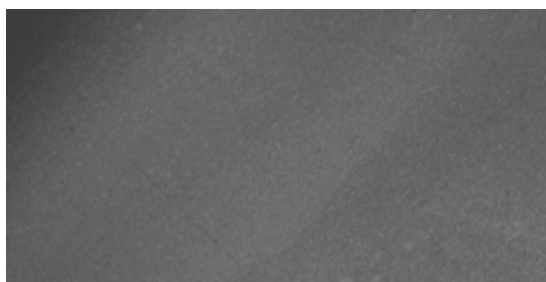
**Type 5** Grooves



**Type 6** Small pebbles



**Type 7** Large pebbles



**Type 10** Smooth, without venting grooves

## Advanced pebbles 1.1



**Type 1.1**

Advanced pebbles 1.1

The R&D team at ContiBladders has optimized the bladder surface to help reduce tire innerliner consumption.

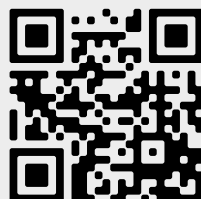
Future articles will incorporate this upgraded design.

## ContiBladders Website and ContiBladders App



For more information about our products and organization, please visit our website at <http://www.conti-bladders.com>

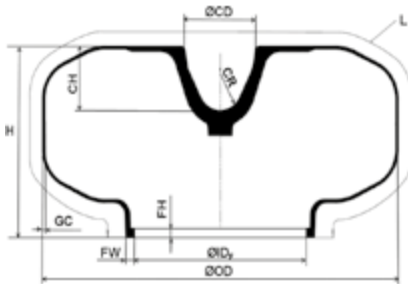
At our website you can view and download pdf versions of our product catalogs, see upcoming events such as technical expos where you can visit our booth to discuss our products in person, and also access our Bladder App.



With our ContiBladders App you can get bladder fitment information with only a few key strokes using your tire size. Want to see if your bladder fitment is optimized? We have an App for that!



## Autoform Type Bladders Application in Autoform Presses



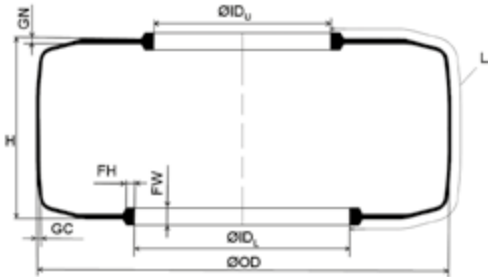
Bladder Description	Article Number		(ID) <sub>p</sub> Foot ID	(L) Length	(H) Height	(OD) Outside Dia- meter	(GC) Crown Gauge	(FH) Foot Height	(FW) Foot Width	(CD) Cone Dia- meter	(CH) Cone Height	(CR) Cone Bottom Radius		Trimmed Weight	Surface Design	Packing Unit
<b>Passenger / Light Truck Tires</b>																
AP 12 A	20 17 912	mm	245	940	203	480	4.5	11.5	12.5	63	45	16	kg	3.0	2	60
		inch	9.65	37.01	7.99	18.90	0.18	0.45	0.49	2.48	1.77	0.63	lbs	6.6		
AP 2 K 260	20 13 222	mm	260	1051	240	505	4.5	13.5	13.5	112	Kobe	Kobe	kg	3.5	1	60
		inch	10.24	41.38	9.45	19.88	0.18	0.53	0.53	4.41	system	system	lbs	7.7		
AP 13-0 C	20 17 951	mm	273	924	210	470	4.5	13.5	13.5	63	45	16	kg	2.9	3	60
		inch	10.75	36.38	8.27	18.50	0.18	0.53	0.53	2.48	1.77	0.63	lbs	6.4		
AP 13-1 C	20 17 942	mm	273	940	199	495	4.5	13.5	13.5	63	45	16	kg	2.9	4	60
		inch	10.75	37.01	7.83	19.49	0.18	0.53	0.53	2.48	1.77	0.63	lbs	6.4		
AP 13-1 CK	20 13 252	mm	273	940	199	495	4.5	13.5	13.5	63	Kobe	Kobe	kg	3.0	4	60
		inch	10.75	37.01	7.83	19.49	0.18	0.53	0.53	2.48	system	system	lbs	6.6		
AP 13-2 C	20 17 938	mm	273	988	207	520	4.5	13.5	13.5	63	45	16	kg	3.5	2	60
		inch	10.75	38.90	8.15	20.47	0.18	0.53	0.53	2.48	1.77	0.63	lbs	7.7		
AP 13-3 A	20 17 927	mm	273	1022	219	530	4.5	13.5	13.5	63	45	16	kg	3.4	2	60
		inch	10.75	40.24	8.62	20.87	0.18	0.53	0.53	2.48	1.77	0.63	lbs	7.5		
AP 2 C 273	20 13 074	mm	273	1051	240	505	4.5	13.5	13.5	63	45	16	kg	3.5	1	60
		inch	10.75	41.38	9.45	19.88	0.18	0.53	0.53	2.48	1.77	0.63	lbs	7.7		
AP 2 273	20 13 075	mm	273	1051	240	505	4.5	13.5	13.5	112	90	35	kg	3.8	1	60
		inch	10.75	41.38	9.45	19.88	0.18	0.53	0.53	4.41	3.54	1.38	lbs	8.4		
AP 2 K 273	20 13 076	mm	273	1051	240	505	4.5	13.5	13.5	112	Kobe	Kobe	kg	3.5	1	60
		inch	10.75	41.38	9.45	19.88	0.18	0.53	0.53	4.41	system	system	lbs	7.7		
AP 3 C 273	20 13 268	mm	273	1121	260	520	4.5	13.5	13.5	63	45	16	kg	3.5	1	60
		inch	10.75	44.13	10.24	20.47	0.18	0.53	0.53	2.48	1.77	0.63	lbs	7.7		
AP 3 273	20 13 270	mm	273	1121	260	520	4.5	13.5	13.5	112	90	35	kg	3.8	1	60
		inch	10.75	44.13	10.24	20.47	0.18	0.53	0.53	4.41	3.54	1.38	lbs	8.4		
AP 3 K 273	20 13 269	mm	273	1121	260	520	4.5	13.5	13.5	112	Kobe	Kobe	kg	3.5	1	60
		inch	10.75	44.13	10.24	20.47	0.18	0.53	0.53	4.41	system	system	lbs	7.7		
AP 4 C 273	20 13 077	mm	273	1189	265	565	4.5	13.5	13.5	63	45	16	kg	4.2	1	50
		inch	10.75	46.81	10.43	22.24	0.18	0.53	0.53	2.48	1.77	0.63	lbs	9.2		
AP 4 273	20 13 078	mm	273	1189	265	565	4.5	13.5	13.5	112	90	35	kg	4.5	1	35
		inch	10.75	46.81	10.43	22.24	0.18	0.53	0.53	4.41	3.54	1.38	lbs	10.0		
AP 4 K 273	20 13 079	mm	273	1189	265	565	4.5	13.5	13.5	112	Kobe	Kobe	kg	4.3	1	50
		inch	10.75	46.81	10.43	22.24	0.18	0.53	0.53	4.41	system	system	lbs	9.4		
AP 13-60-5	20 17 901	mm	273	1207	272	580	4.5	13.5	13.5	63	45	16	kg	4.4	2	60
		inch	10.75	47.52	10.71	22.83	0.18	0.53	0.53	2.48	1.77	0.63	lbs	9.7		
AP 5 C 273	20 13 143	mm	273	1302	297	570	4.3	13.5	13.5	63	45	16	kg	4.8	1	40
		inch	10.75	51.26	11.69	22.44	0.17	0.53	0.53	2.48	1.77	0.63	lbs	10.6		
AP 5 273	20 13 144	mm	273	1302	297	570	4.3	13.5	13.5	112	90	35	kg	4.9	1	50
		inch	10.75	51.26	11.69	22.44	0.17	0.53	0.53	4.41	3.54	1.38	lbs	10.8		



Bladder Description	Article Number		(ID <sub>p</sub> ) Foot ID	(L) Length	(H) Height	(OD) Outside Dia- meter	(GC) Crown Gauge	(FH) Foot Height	(FW) Foot Width	(CD) Cone Dia- meter	(CH) Cone Height	(CR) Cone Bottom Radius		Trimmed Weight	Surface Design	Packing Unit
<b>Passenger / Light Truck Tires</b>																
AP 5 K 273	20 13 145	mm	273	1302	297	570	4.3	13.5	13.5	112	Kobe	Kobe	kg	4.7	1	40
		inch	10.75	51.26	11.69	22.44	0.17	0.53	0.53	4.41	system	system	lbs	10.4		
AP 6 C 273	20 13 083	mm	273	1400	360	610	4.5	13.5	13.5	63	45	16	kg	5.3	1	50
		inch	10.75	55.12	14.17	24.02	0.18	0.53	0.53	2.48	1.77	0.63	lbs	11.7		
AP 6 273	20 13 084	mm	273	1400	360	610	4.5	13.5	13.5	112	90	35	kg	5.7	1	50
		inch	10.75	55.12	14.17	24.02	0.18	0.53	0.53	4.41	3.54	1.38	lbs	12.6		
AP 6 K 273	20 13 085	mm	273	1400	360	610	4.5	13.5	13.5	112	Kobe	Kobe	kg	5.2	1	40
		inch	10.75	55.12	14.17	24.02	0.18	0.53	0.53	4.41	system	system	lbs	11.6		
AP 4 C 329	20 13 080	mm	329	1133	265	565	4.5	13.5	13.5	63	45	16	kg	4.3	1	50
		inch	12.95	44.61	10.43	22.24	0.18	0.53	0.53	2.48	1.77	0.63	lbs	9.4		
AP 4 329	20 13 081	mm	329	1133	265	565	4.5	13.5	13.5	112	90	35	kg	4.5	1	50
		inch	12.95	44.61	10.43	22.24	0.18	0.53	0.53	4.41	3.54	1.38	lbs	10.0		
AP 4 K 329	20 13 082	mm	329	1133	265	565	4.5	13.5	13.5	112	Kobe	Kobe	kg	4.4	1	50
		inch	12.95	44.61	10.43	22.24	0.18	0.53	0.53	4.41	system	system	lbs	9.7		
AP 5 C 329	20 13 146	mm	329	1245	297	570	4.3	13.5	13.5	63	45	16	kg	4.5	1	50
		inch	12.95	49.02	11.69	22.44	0.17	0.53	0.53	2.48	1.77	0.63	lbs	9.8		
AP 5 329	20 13 147	mm	329	1245	297	570	4.3	13.5	13.5	112	90	35	kg	4.9	1	30
		inch	12.95	49.02	11.69	22.44	0.17	0.53	0.53	4.41	3.54	1.38	lbs	10.7		
AP 5 K 329	20 13 148	mm	329	1245	297	570	4.3	13.5	13.5	112	Kobe	Kobe	kg	4.6	1	50
		inch	12.95	49.02	11.69	22.44	0.17	0.53	0.53	4.41	system	system	lbs	10.1		
AP 16-60-5 C	20 17 947	mm	329	1246	321	570	4.5	13.5	16.5	63	45	16	kg	4.9	4	50
		inch	12.95	49.06	12.64	22.44	0.18	0.53	0.65	2.48	1.77	0.63	lbs	10.7		
AP 16-50-3	20 16 051	mm	329	1286	321	610	4.5	13.5	13.5	63	45	16	kg	5.3	2	30
		inch	12.95	50.63	12.64	24.02	0.18	0.53	0.53	2.48	1.77	0.63	lbs	11.7		
AP 6 C 329	20 13 086	mm	329	1341	360	610	4.5	13.5	13.5	63	45	16	kg	5.2	1	50
		inch	12.95	52.80	14.17	24.02	0.18	0.53	0.53	2.48	1.77	0.63	lbs	11.5		
AP 6 329	20 13 087	mm	329	1341	360	610	4.5	13.5	13.5	112	90	35	kg	5.6	1	50
		inch	12.95	52.80	14.17	24.02	0.18	0.53	0.53	4.41	3.54	1.38	lbs	12.4		
AP 6 K 329	20 13 088	mm	329	1341	360	610	4.5	13.5	13.5	112	Kobe	Kobe	kg	5.2	1	50
		inch	12.95	52.80	14.17	24.02	0.18	0.53	0.53	4.41	system	system	lbs	11.5		

<b>Truck Tires</b>																
AP 20-1 A	20 17 921	mm	430	1516	323	788	7.0	20.5	22.5	112	90	35	kg	11.2	4	10
		inch	16.93	59.69	12.70	31.02	0.28	0.81	0.89	4.41	3.54	1.38	lbs	24.6		
AP 20-1 C	20 17 950	mm	430	1742	406	840	7.0	20.5	23.0	112	90	35	kg	14.7	4	10
		inch	16.93	68.58	15.96	33.07	0.28	0.81	0.91	4.41	3.54	1.38	lbs	32.3		
AP 20-2 C	20 17 933	mm	430	1800	406	887	7.0	20.5	23.0	112	90	35	kg	14.7	4	13
		inch	16.93	70.87	15.96	34.92	0.28	0.81	0.91	4.41	3.54	1.38	lbs	32.4		
AP 20-3 C NP	20 17 924	mm	430	1886	438	913	7.5	20.5	23.3	112	90	35	kg	16.6	1	8
		inch	16.93	74.25	17.26	35.94	0.30	0.81	0.92	4.41	3.54	1.38	lbs	36.6		

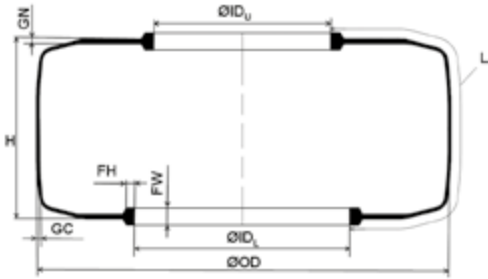
## Hydraulic Type Bladders Application in Hydraulic Presses



Bladder Description	Article Number		(ID <sub>U</sub> ) Upper Foot ID	(ID <sub>L</sub> ) Lower Foot ID	(L) Length	(H) Height	(OD) Outside Dia- meter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
<b>Passenger / Light Truck Tires</b>															
HEB 13 TM	20 17 051	mm	225	170	332	204	380	4.5	7.0	12.0	24.0	kg	2.1	2	60
		inch	8.86	6.69	13.07	8.03	14.96	0.18	0.28	0.47	0.94	lbs	4.7		
HEB 13-0 C NP	20 13 249	mm	225	170	388	237	420	4.5	7.0	12.0	24.0	kg	2.6	1	100
		inch	8.86	6.69	15.28	9.33	16.54	0.18	0.28	0.47	0.94	lbs	5.7		
TS 0 NP	20 13 061	mm	225	170	416	200	510	4.5	7.0	12.0	24.0	kg	2.9	1	100
		inch	8.86	6.69	16.38	7.87	20.08	0.18	0.28	0.47	0.94	lbs	6.3		
TS 1	20 17 043	mm	225	170	420	232	470	4.4	7.0	12.0	24.0	kg	2.9	3	100
		inch	8.86	6.69	16.54	9.13	18.50	0.17	0.28	0.47	0.94	lbs	6.3		
TU 1	20 13 260	mm	225	170	421	199	470	4.5	7.0	12.0	24.0	kg	2.9	1	100
		inch	8.86	6.69	16.57	7.83	18.50	0.18	0.28	0.47	0.94	lbs	6.3		
HEB 13-2 C NP	20 13 207	mm	225	170	430	274	460	4.5	7.0	12.0	24.0	kg	2.9	1	100
		inch	8.86	6.69	16.93	10.79	18.11	0.18	0.28	0.47	0.94	lbs	6.4		
VHL 13-7	20 13 059	mm	225	170	445	247	483	4.4	7.0	11.0	23.0	kg	3.1	3	100
		inch	8.86	6.69	17.52	9.72	19.02	0.17	0.28	0.43	0.91	lbs	6.8		
TS 2 C NP	20 13 241	mm	225	170	458	263	490	4.5	7.0	12.0	24.0	kg	3.1	1	100
		inch	8.86	6.69	18.03	10.35	19.29	0.18	0.28	0.47	0.94	lbs	6.7		
HEB 13-3 A	20 17 038	mm	225	170	462	270	490	5.0	7.0	12.0	24.0	kg	3.4	2	100
		inch	8.86	6.69	18.19	10.63	19.29	0.20	0.28	0.47	0.94	lbs	7.6		
TU 3	20 13 150	mm	225	170	485	236	500	4.3	7.0	12.0	24.0	kg	3.3	1.1	80
		inch	8.86	6.69	19.09	9.29	19.69	0.17	0.28	0.47	0.94	lbs	7.3		
TS 3 C NP	20 13 178	mm	225	170	485	286	500	4.5	7.0	12.0	24.0	kg	3.4	1	100
		inch	8.86	6.69	19.09	11.26	19.69	0.18	0.28	0.47	0.94	lbs	7.5		
HEB 13-5 C NP	20 13 251	mm	225	170	512	306	506	4.5	7.0	12.0	24.0	kg	3.4	1	100
		inch	8.86	6.69	20.16	12.05	19.92	0.18	0.28	0.47	0.94	lbs	7.6		
VHL 16-2	20 13 052	mm	225	170	515	300	510	4.3	7.0	11.0	23.0	kg	3.7	3	100
		inch	8.86	6.69	20.28	11.81	20.08	0.17	0.28	0.43	0.91	lbs	8.2		
TU 4	20 13 133	mm	225	170	529	263	520	4.3	7.0	12.0	24.0	kg	4.2	1	80
		inch	8.86	6.69	20.83	10.35	20.47	0.17	0.28	0.47	0.94	lbs	9.2		
TS 4 NP	20 13 060	mm	225	170	530	316	520	4.5	7.0	12.0	24.0	kg	3.7	1	100
		inch	8.86	6.69	20.87	12.44	20.47	0.18	0.28	0.47	0.94	lbs	8.1		
TU 4 V1	20 13 233	mm	225	170	553	287	520	4.3	7.0	12.0	24.0	kg	4.2	1	60
		inch	8.86	6.69	21.77	11.30	20.47	0.17	0.28	0.47	0.94	lbs	9.3		
TU 5 225	20 13 119	mm	225	170	552	244	550	4.3	7.0	12.0	24.0	kg	4.5	1	80
		inch	8.86	6.69	21.73	9.61	21.65	0.17	0.28	0.47	0.94	lbs	9.8		
TU 5 V1 225	20 13 123	mm	225	170	576	268	550	4.3	7.0	12.0	24.0	kg	4.6	1	60
		inch	8.86	6.69	22.68	10.55	21.65	0.17	0.28	0.47	0.94	lbs	10.2		
TS 5 NP	20 13 002	mm	276	225	496	308	550	4.5	7.0	12.0	24.0	kg	3.8	1	80
		inch	10.87	8.86	19.53	12.13	21.65	0.18	0.28	0.47	0.94	lbs	8.4		
TS 5 L	20 17 503	mm	276	225	496	308	550	6.2	7.0	12.0	24.0	kg	5.0	2	45
		inch	10.87	8.86	19.53	12.13	21.65	0.24	0.28	0.47	0.94	lbs	10.9		
TU 5	20 13 066	mm	276	225	499	244	550	4.3	7.0	12.0	24.0	kg	4.3	1	80
		inch	10.87	8.86	19.65	9.61	21.65	0.17	0.28	0.47	0.94	lbs	9.5		
TS 5 V1 NP	20 13 004	mm	276	225	520	332	550	4.5	7.0	12.0	24.0	kg	4.2	1	80
		inch	10.87	8.86	20.47	13.07	21.65	0.18	0.28	0.47	0.94	lbs	9.3		
TU 5 V1	20 13 068	mm	276	225	523	268	550	4.3	7.0	12.0	24.0	kg	4.5	1	60
		inch	10.87	8.86	20.59	10.55	21.65	0.17	0.28	0.47	0.94	lbs	9.9		

Bladder Description	Article Number		(ID <sub>U</sub> ) Upper Foot ID	(ID <sub>L</sub> ) Lower Foot ID	(L) Length	(H) Height	(OD) Outside Diameter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
<b>Passenger / Light Truck Tires</b>															
TS 6 C NP	20 13 297	mm inch	276 10.87	225 8.86	532 20.94	288 11.34	570 22.44	4.5 0.18	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	4.5 9.9	1	50
TU 6	20 13 093	mm inch	276 10.87	225 8.86	532 20.94	263 10.35	570 22.44	4.3 0.17	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	4.7 10.3	1	60
TS 6 L	20 17 502	mm inch	276 10.87	225 8.86	532 20.94	288 11.34	570 22.44	5.6 0.22	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	5.4 11.8	3	60
TS 6-5	20 17 090	mm inch	276 10.87	225 8.86	552 21.73	346 13.62	530 20.87	4.4 0.17	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	4.3 9.5	2	60
TS 6 V0 NP	20 13 028	mm inch	276 10.87	225 8.86	562 22.13	310 12.20	570 22.44	4.5 0.18	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	4.8 10.6	1	50
TU 7	20 13 091	mm inch	276 10.87	225 8.86	570 22.44	279 10.98	600 23.62	4.3 0.17	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	5.2 11.5	1	50
TU 6 V0	20 13 129	mm inch	276 10.87	225 8.86	572 22.52	303 11.93	570 22.44	4.3 0.17	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	5.1 11.2	1	45
TS 7 C NP	20 13 273	mm inch	276 10.87	225 8.86	573 22.56	336 13.23	600 23.62	4.4 0.17	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	4.7 10.4	1	50
TS 7 L	20 17 504	mm inch	276 10.87	225 8.86	575 22.64	336 13.23	600 23.62	5.8 0.23	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	6.0 13.2	3	60
TS 6 V1 NP	20 13 183	mm inch	276 10.87	225 8.86	592 23.31	348 13.70	570 22.44	4.5 0.18	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	5.2 11.5	1	45
TU 6 V1	20 13 094	mm inch	276 10.87	225 8.86	592 23.31	323 12.72	570 22.44	4.3 0.17	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	5.7 12.7	1	45
TS 7 C V1 NP	20 13 274	mm inch	276 10.87	225 8.86	597 23.50	360 14.17	600 23.62	4.4 0.17	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	5.2 11.4	1	40
TU 7 V1	20 13 092	mm inch	276 10.87	225 8.86	594 23.39	303 11.93	600 23.62	4.3 0.17	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	5.4 12.0	1	40
TS 8 C NP	20 13 239	mm inch	276 10.87	225 8.86	612 24.09	311 12.24	660 25.98	4.5 0.18	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	5.5 12.1	1	50
TS 8 L NP	20 13 141	mm inch	276 10.87	225 8.86	612 24.09	311 12.24	660 25.98	6.0 0.24	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	6.9 15.1	1	50
TS 10 C	20 13 228	mm inch	276 10.87	225 8.86	626 24.65	369 14.53	600 23.62	4.5 0.18	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	5.4 11.9	2	45
TU 7-5	20 13 208	mm inch	276 10.87	225 8.86	653 25.71	348 13.70	630 24.80	4.3 0.17	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	6.2 13.7	1	30
TU 7-5 V1	20 13 209	mm inch	276 10.87	225 8.86	677 26.65	372 14.65	630 24.80	4.3 0.17	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	6.6 14.6	1	30
TS 8 C V1 NP	20 13 240	mm inch	276 10.87	225 8.86	682 26.85	381 15.00	660 25.98	4.5 0.18	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	6.3 13.9	1	30
TS 11	20 17 115	mm inch	276 10.87	225 8.86	706 27.80	362 14.25	690 27.17	4.0 0.16	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	6.1 13.4	1	30
TU 11	20 13 184	mm inch	276 10.87	225 8.86	706 27.78	354 13.94	690 27.17	4.3 0.17	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	7.0 15.4	1	30
TU 11 V1	20 13 185	mm inch	276 10.87	225 8.86	766 30.16	414 16.30	690 27.17	4.3 0.17	7.0 0.28	12.0 0.47	24.0 0.94	kg lbs	7.6 16.8	1	30

## Hydraulic Type Bladders Application in Hydraulic Presses

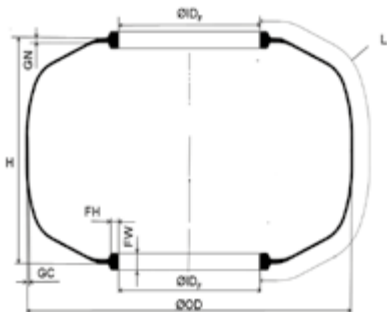


Bladder Description	Article Number		(ID <sub>U</sub> ) Upper Foot ID	(ID <sub>L</sub> ) Lower Foot ID	(L) Length	(H) Height	(OD) Outside Dia- meter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
<b>Truck Tires</b>															
HEB 20-0	20 17 111	mm	355	290	556	304	680	7.5	10.0	15.0	28.0	kg	8.4	4	16
		inch	13.98	11.42	21.89	11.97	26.77	0.30	0.39	0.59	1.10	lbs	18.5		
HEB 20-2	20 13 112	mm	355	290	634	322	730	7.5	10.0	15.0	28.0	kg	10.8	1	15
		inch	13.98	11.42	24.96	12.68	28.74	0.30	0.39	0.59	1.10	lbs	23.8		
HEB 20-3 NP	20 17 067	mm	355	290	688	399	780	7.5	10.0	15.0	28.0	kg	11.2	1	15
		inch	13.98	11.42	27.09	15.71	30.71	0.30	0.39	0.59	1.10	lbs	24.6		
HEB 20-2 V1	20 13 113	mm	355	290	694	382	730	7.5	10.0	15.0	28.0	kg	12.0	1	15
		inch	13.98	11.42	27.32	15.04	28.74	0.30	0.39	0.59	1.10	lbs	26.5		
HEB 20-3 V1 NP	20 17 101	mm	355	290	748	459	780	7.5	10.0	15.0	28.0	kg	12.2	1	15
		inch	13.98	11.42	29.45	18.07	30.71	0.30	0.39	0.59	1.10	lbs	26.9		
HEB 20-6 NP	20 17 036	mm	355	290	782	418	870	7.5	10.0	15.0	28.0	kg	13.8	1	16
		inch	13.98	11.42	30.79	16.46	34.25	0.30	0.39	0.59	1.10	lbs	30.4		
HEB 20-4	20 17 073	mm	355	290	800	536	740	7.5	10.0	15.0	28.0	kg	12.8	2	10
		inch	13.98	11.42	31.50	21.10	29.13	0.30	0.39	0.59	1.10	lbs	28.1		
HEB 20-6 V1 NP	20 17 625	mm	355	290	842	478	870	7.5	10.0	15.0	28.0	kg	14.8	1	13
		inch	13.98	11.42	33.15	18.82	34.25	0.30	0.39	0.59	1.10	lbs	32.7		
HEB 20-8 NP	20 13 044	mm	355	290	862	530	900	7.5	10.0	15.0	28.0	kg	15.3	1	13
		inch	13.98	11.42	33.94	20.87	35.43	0.30	0.39	0.59	1.10	lbs	33.7		
HEB 20-5	20 17 092	mm	355	290	882	564	840	7.5	10.0	15.0	28.0	kg	15.6	2	10
		inch	13.98	11.42	34.72	22.20	33.07	0.30	0.39	0.59	1.10	lbs	34.4		
HEB 20-8 V1 NP	20 13 045	mm	355	290	912	580	900	7.5	10.0	15.0	28.0	kg	15.7	1	10
		inch	13.98	11.42	35.91	22.83	35.43	0.30	0.39	0.59	1.10	lbs	34.6		
HEB 20-9	20 17 112	mm	355	290	934	608	850	7.5	10.0	15.0	28.0	kg	17.8	2	8
		inch	13.98	11.42	36.77	23.94	33.46	0.30	0.39	0.59	1.10	lbs	38.4		
HEB 20-8 V2 NP	20 13 046	mm	355	290	962	630	900	7.5	10.0	15.0	28.0	kg	17.9	1	8
		inch	13.98	11.42	37.87	24.80	35.43	0.30	0.39	0.59	1.10	lbs	39.4		
HEB 20-10	20 17 134	mm	355	290	1064	690	930	7.5	10.0	15.0	28.0	kg	20.2	2	4
		inch	13.98	11.42	41.89	27.17	36.61	0.30	0.39	0.59	1.10	lbs	44.4		





## BOM Type Bladders Application in Bagomatic Presses

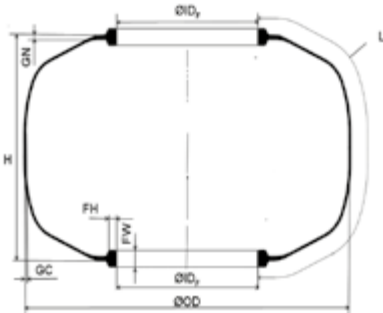


Bladder Description	Article Number		(ID) <sub>F</sub> Foot ID	(L) Length	(H) Height	(OD) Outside Diameter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit	
<b>Passenger / Light Truck Tires Radial</b>															
RP 10-1 D	20 17 002	mm	158	358	265	320	4.5	6.0	11.0	21.0	kg	1.7	3	50	
		inch	6.22	14.09	10.43	12.60	0.18	0.24	0.43	0.83	lbs	3.7			
RP 10-3	20 17 001	mm	170	426	315	400	4.5	6.0	9.0	16.0	kg	2.1	3	50	
		inch	6.69	16.77	12.40	15.75	0.18	0.24	0.35	0.63	lbs	4.7			
RP 12-1 D	20 17 005	mm	207	370	227	420	4.5	7.0	11.0	23.0	kg	2.4	3	50	
		inch	8.15	14.57	8.94	16.54	0.18	0.28	0.43	0.91	lbs	5.3			
RP 13 TM	20 17 052	mm	225	304	204	380	4.5	7.0	12.0	24.0	kg	2.0	3	60	
		inch	8.86	11.97	8.03	14.96	0.18	0.28	0.47	0.94	lbs	4.4			
B 13-0 C NP	20 13 250	mm	225	360	237	420	4.5	7.0	12.0	24.0	kg	2.5	1	100	
		inch	8.86	14.17	9.33	16.54	0.18	0.28	0.47	0.94	lbs	5.5			
B 0 NP	20 13 062	mm	225	388	200	510	4.5	7.0	12.0	24.0	kg	3.0	1	60	
		inch	8.86	15.28	7.87	20.08	0.18	0.28	0.47	0.94	lbs	6.6			
BU 1	20 13 261	mm	225	394	199	470	4.5	7.0	12.0	24.0	kg	2.5	1	100	
		inch	8.86	15.51	7.83	18.50	0.18	0.28	0.47	0.94	lbs	5.5			
B 13-2 C NP	20 13 232	mm	225	403	274	460	4.5	7.0	12.0	24.0	kg	2.8	1	100	
		inch	8.86	15.85	10.79	18.11	0.18	0.28	0.47	0.94	lbs	6.2			
RP 13-2	20 17 074	mm	225	406	315	420	4.5	7.0	12.0	24.0	kg	2.7	5	90	
		inch	8.86	15.98	12.40	16.54	0.18	0.28	0.47	0.94	lbs	6.0			
RP 13-3	20 17 029	mm	225	430	312	413	4.7	7.0	12.0	23.5	kg	3.0	3	100	
		inch	8.86	16.93	12.28	16.26	0.19	0.28	0.47	0.93	lbs	6.5			
RP 13-4	20 17 007	mm	225	450	335	413	7.5	8.0	11.0	23.0	kg	4.4	4	20	
		inch	8.86	17.72	13.19	16.26	0.30	0.31	0.43	0.91	lbs	9.7			
RP 13-4 D NP	20 17 021	mm	225	458	347	430	4.5	7.0	12.0	24.0	kg	3.1	1	100	
		inch	8.86	18.03	13.66	16.93	0.18	0.28	0.47	0.94	lbs	6.8			
BU 3	20 13 151	mm	225	458	236	500	4.3	7.0	12.0	24.0	kg	3.3	1.1	80	
		inch	8.86	18.02	9.29	19.69	0.17	0.28	0.47	0.94	lbs	7.3			
B 3 C NP	20 13 179	mm	225	458	286	500	4.4	7.0	12.0	24.0	kg	3.9	1	80	
		inch	8.86	18.03	11.26	19.69	0.17	0.28	0.47	0.94	lbs	8.6			
RP 13-5	20 17 010	mm	225	480	335	450	6.0	8.0	12.5	23.5	kg	4.0	3	50	
		inch	8.86	18.90	13.19	17.72	0.24	0.31	0.49	0.93	lbs	8.9			
B 4 NP	20 17 110	mm	225	503	316	520	4.4	7.0	12.0	24.0	kg	3.6	1	80	
		inch	8.86	19.80	12.44	20.47	0.17	0.28	0.47	0.94	lbs	8.0			
BU 4	20 13 149	mm	225	502	263	520	4.3	7.0	12.0	24.0	kg	4.3	1	80	
		inch	8.86	19.76	10.35	20.47	0.17	0.28	0.47	0.94	lbs	9.6			
BU 4 V1	20 13 234	mm	225	526	287	520	4.3	7.0	12.0	24.0	kg	4.3	1	80	
		inch	8.86	20.71	11.30	20.47	0.17	0.28	0.47	0.94	lbs	9.6			
RP 13-7	20 17 013	mm	225	536	395	460	6.0	8.0	12.5	23.5	kg	4.6	3	40	
		inch	8.86	21.10	15.55	18.11	0.24	0.31	0.49	0.93	lbs	10.2			
RP 13-9	20 17 011	mm	225	607	490	467	7.2	7.2	12.5	23.5	kg	6.4	3	30	
		inch	8.86	23.90	19.29	18.39	0.28	0.28	0.49	0.93	lbs	14.2			
13-11.8 DK 38428	20 14 200	mm	238	343	223	419	4.4	6.4	12.7	24.5	kg	2.7	3	60	
		inch	9.38	13.50	8.77	16.50	0.18	0.25	0.50	0.97	lbs	5.9			
13-12.3 DK 36745	20 14 252	mm	238	356	215	465	4.4	6.4	12.7	24.0	kg	2.5	3	60	
		inch	9.38	14.00	8.47	18.30	0.18	0.25	0.50	0.94	lbs	5.6			
13-13.0 DK 59675	20 14 290	mm	238	374	235	450	4.4	6.4	12.7	24.5	kg	2.9	2	60	
		inch	9.38	14.71	9.27	17.70	0.18	0.25	0.50	0.97	lbs	6.5			

Bladder Description	Article Number		(ID <sub>p</sub> ) Foot ID	(L) Length	(H) Height	(OD) Outside Diameter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
B 2 DK 238	20 13 136	mm	238	410	267	470	4.3	7.0	12.7	24.5	kg	3.1	1	60
		inch	9.37	16.14	10.49	18.50	0.17	0.28	0.50	0.96	lbs	6.8		
BU 3 DK 251	20 13 152	mm	251	432	236	500	4.3	7.0	12.7	22.2	kg	3.3	1.1	50
		inch	9.88	17.01	9.29	19.69	0.17	0.28	0.50	0.87	lbs	7.3		
BU 4 DK 251	20 13 134	mm	251	476	263	520	4.3	7.0	12.7	22.2	kg	3.9	1	60
		inch	9.88	18.74	10.35	20.47	0.17	0.28	0.50	0.87	lbs	8.6		
BU 4 DK 276	20 13 135	mm	276	451	263	520	4.3	7.0	12.7	22.2	kg	3.8	1	60
		inch	10.87	17.76	10.35	20.47	0.17	0.28	0.50	0.88	lbs	8.3		
B 5 NP	20 13 003	mm	276	470	308	550	4.5	7.0	12.0	24.0	kg	4.0	1	80
		inch	10.87	18.50	12.13	21.65	0.18	0.28	0.47	0.94	lbs	8.8		
BU 5	20 13 067	mm	276	474	244	550	4.3	7.0	12.0	24.0	kg	4.1	1	80
		inch	10.87	18.64	9.61	21.65	0.17	0.28	0.47	0.94	lbs	9.1		
BU 5 DK	20 13 137	mm	276	474	244	550	4.3	7.0	12.7	22.2	kg	4.1	1	80
		inch	10.87	18.64	9.61	21.65	0.17	0.28	0.50	0.87	lbs	9.0		
B 5 V1 NP	20 13 005	mm	276	494	332	550	4.5	7.0	12.0	24.0	kg	4.1	1	80
		inch	10.87	19.45	13.07	21.65	0.18	0.28	0.47	0.94	lbs	9.0		
BU 5 V1	20 13 069	mm	276	498	268	550	4.3	7.0	12.0	24.0	kg	4.4	1	80
		inch	10.87	19.59	10.55	21.65	0.17	0.28	0.47	0.94	lbs	9.6		
BU 5 DK V1	20 13 138	mm	276	498	268	550	4.3	7.0	12.7	22.2	kg	4.3	1	80
		inch	10.87	19.59	10.55	21.65	0.17	0.28	0.50	0.87	lbs	9.4		
BU 6 DK	20 13 130	mm	276	506	263	570	4.3	7.0	12.7	22.2	kg	4.5	1	60
		inch	10.87	19.93	10.35	22.44	0.17	0.28	0.50	0.87	lbs	9.8		
BU 6 DK V0	20 13 131	mm	276	546	303	570	4.3	7.0	12.7	22.2	kg	5.1	1	60
		inch	10.87	21.50	11.93	22.44	0.17	0.28	0.50	0.87	lbs	11.2		
BU 7 DK	20 13 186	mm	276	545	279	600	4.3	7.0	12.7	22.2	kg	4.5	1	60
		inch	10.87	21.46	10.98	23.62	0.17	0.28	0.50	0.87	lbs	9.9		
B 7 C NP	20 13 275	mm	276	548	336	600	4.4	7.0	12.0	24.0	kg	4.6	1	40
		inch	10.87	21.57	13.23	23.62	0.17	0.28	0.47	0.94	lbs	10.1		
BU 7 DK V1	20 13 182	mm	276	569	303	600	4.3	7.0	12.7	22.2	kg	5.8	1	40
		inch	10.87	22.38	11.93	23.62	0.17	0.28	0.50	0.87	lbs	12.8		
B 7 C V1 NP	20 13 276	mm	276	572	360	600	4.4	7.0	12.0	24.0	kg	5.2	1	30
		inch	10.87	22.52	14.17	23.62	0.17	0.28	0.47	0.94	lbs	11.4		
B 15-6	20 17 910	mm	276	582	449	550	5.7	7.0	12.0	24.0	kg	5.7	3	40
		inch	10.87	22.91	17.68	21.65	0.22	0.28	0.47	0.94	lbs	12.6		
B 8 C NP	20 13 237	mm	276	586	311	660	4.5	7.0	12.0	24.0	kg	5.4	1	40
		inch	10.87	23.07	12.24	25.98	0.18	0.28	0.47	0.94	lbs	11.9		
15-22.6 DK 36425	20 14 288	mm	276	621	426	605	6.4	6.4	12.7	22.2	kg	6.9	2	30
		inch	10.88	24.47	16.78	23.80	0.25	0.25	0.50	0.88	lbs	15.3		
B 8 C V1 NP	20 13 238	mm	276	656	381	660	4.5	7.0	12.0	24.0	kg	6.1	1	30
		inch	10.87	25.83	15.00	25.98	0.18	0.28	0.47	0.94	lbs	13.4		
B 15-8	20 17 079	mm	276	666	459	620	5.7	7.0	12.0	24.0	kg	7.4	2	20
		inch	10.87	26.22	18.07	24.41	0.22	0.28	0.47	0.94	lbs	16.2		
B 15-7 NP	20 13 025	mm	276	700	392	700	6.0	7.0	12.7	22.5	kg	7.8	1	30
		inch	10.87	27.56	15.43	27.56	0.24	0.28	0.50	0.89	lbs	17.2		
B 15-7 V1 NP	20 13 026	mm	276	820	512	700	6.0	7.0	12.7	22.5	kg	10.0	1	30
		inch	10.87	32.28	20.16	27.56	0.24	0.28	0.50	0.89	lbs	22.1		
BE 16-1	20 17 935	mm	287	455	347	570	5.7	9.5	12.5	17.5	kg	4.6	4	45
		inch	11.30	17.91	13.66	22.44	0.22	0.37	0.49	0.69	lbs	10.1		
BU 5 301	20 13 070	mm	301	449	244	550	4.3	7.0	12.0	24.0	kg	4.4	1	50
		inch	11.85	17.66	9.61	21.65	0.17	0.28	0.47	0.94	lbs	9.6		
BU 5 V1 301	20 13 072	mm	301	473	268	550	4.3	7.0	12.0	24.0	kg	4.2	1	45
		inch	11.85	18.60	10.55	21.65	0.17	0.28	0.47	0.94	lbs	9.3		
16-21.9 DK 65320	20 14 334	mm	302	604	366	620	5.8	6.4	12.7	22.2	kg	6.9	3	30
		inch	11.88	23.78	14.41	24.41	0.23	0.25	0.50	0.88	lbs	15.3		
BU 5 310	20 13 071	mm	310	440	244	550	4.3	7.0	12.0	24.0	kg	4.3	1	80
		inch	12.20	17.30	9.61	21.65	0.17	0.28	0.47	0.94	lbs	9.6		
BU 5 V1 310	20 13 073	mm	310	464	268	550	4.3	7.0	12.0	24.0	kg	4.4	1	45
		inch	12.20	18.25	10.55	21.65	0.17	0.28	0.47	0.94	lbs	9.8		
BU 6 310	20 13 095	mm	310	472	263	570	4.3	7.0	12.0	24.0	kg	4.4	1	60
		inch	12.20	18.58	10.35	22.44	0.17	0.28	0.47	0.94	lbs	9.7		
BU 6 V1 310	20 13 096	mm	310	532	323	570	4.3	7.0	12.0	24.0	kg	4.9	1	45
		inch	12.20	20.94	12.72	22.44	0.17	0.28	0.47	0.94	lbs	10.8		



## BOM Type Bladders Application in Bagomatic Presses

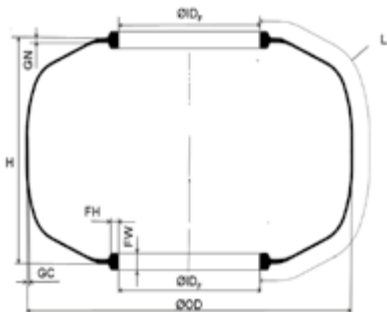


Bladder Description	Article Number		(ID <sub>F</sub> ) Foot ID	(L) Length	(H) Height	(OD) Outside Dia- meter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
<b>Passenger / Light Truck Tires Bias</b>														
9-15.8 DK 4793	20 14 294	mm	140	436	367	298	6.4	9.5	12.7	23.8	kg	2.5	4	40
		inch	5.50	17.18	14.44	11.75	0.25	0.38	0.50	0.94	lbs	5.5		
10-14.6 DK 5484	20 14 211	mm	165	406	352	254	6.4	9.5	12.7	23.8	kg	2.7	2	50
		inch	6.50	15.98	13.88	10.00	0.25	0.38	0.50	0.94	lbs	6.0		
10-16.5 DK 4408	20 14 102	mm	165	453	392	302	6.4	9.5	12.7	23.8	kg	3.2	4	36
		inch	6.50	17.84	15.44	11.88	0.25	0.38	0.50	0.94	lbs	7.0		
10-19.8 DK 4374	20 14 179	mm	165	539	478	318	6.4	9.5	12.7	23.8	kg	3.7	4	25
		inch	6.50	21.22	18.81	12.50	0.25	0.38	0.50	0.94	lbs	8.2		
12-10.5 DK 4976	20 14 237	mm	216	302	244	295	6.4	11.9	12.7	25.4	kg	2.3	4	36
		inch	8.50	11.90	9.59	11.63	0.25	0.47	0.50	1.00	lbs	5.1		
12-12.2 DK 12099	20 14 168	mm	216	345	288	302	6.4	11.9	12.7	25.4	kg	2.7	2	40
		inch	8.50	13.58	11.34	11.88	0.25	0.47	0.50	1.00	lbs	6.0		
12-13.4 DK 34618	20 14 177	mm	216	374	317	295	6.4	11.9	12.7	25.4	kg	2.9	2	30
		inch	8.50	14.74	12.47	11.63	0.25	0.47	0.50	1.00	lbs	6.4		
12-16.2 DK 2767	20 14 145	mm	216	446	387	295	6.4	11.9	12.7	25.4	kg	3.4	4	30
		inch	8.50	17.58	15.25	11.63	0.25	0.47	0.50	1.00	lbs	7.5		
12-18.5 DK 4413	20 14 152	mm	216	505	444	343	6.4	11.9	12.7	25.4	kg	3.9	4	36
		inch	8.50	19.88	17.47	13.50	0.25	0.47	0.50	1.00	lbs	8.6		
12-26.0 DK 4319	20 14 165	mm	216	694	628	381	6.4	11.9	12.7	25.4	kg	5.6	4	36
		inch	8.50	27.34	24.72	15.00	0.25	0.47	0.50	1.00	lbs	12.3		
13-13.6 DK 4898	20 14 154	mm	238	370	337	329	6.4	11.9	12.7	25.4	kg	3.6	3	36
		inch	9.37	14.57	13.27	12.95	0.25	0.47	0.50	1.00	lbs	7.9		
13-14.9 DK 15060	20 14 110	mm	238	423	342	396	6.4	11.9	12.7	25.4	kg	3.9	2	40
		inch	9.38	16.65	13.47	15.60	0.25	0.47	0.50	1.00	lbs	8.7		
13-16.8 DK 4282	20 14 150	mm	238	472	406	329	6.4	11.9	12.7	25.4	kg	3.9	2	36
		inch	9.38	18.59	15.97	12.94	0.25	0.47	0.50	1.00	lbs	8.6		
14-9.2 DK 23986	20 14 193	mm	251	281	219	324	6.4	9.5	12.7	22.2	kg	2.3	2	36
		inch	9.88	11.08	8.63	12.75	0.25	0.38	0.50	0.88	lbs	5.1		
14-15.4 DK 32415	20 14 171	mm	251	438	358	401	6.0	9.5	12.7	22.2	kg	3.6	2	36
		inch	9.88	17.26	14.10	15.80	0.24	0.38	0.50	0.88	lbs	7.9		
14-15.8 DK 42758	20 14 256	mm	251	445	301	485	4.4	6.4	12.7	22.2	kg	3.4	3	60
		inch	9.88	17.50	11.86	19.10	0.18	0.25	0.50	0.88	lbs	7.5		



Bladder Description	Article Number		(ID <sub>F</sub> ) Foot ID	(L) Length	(H) Height	(OD) Outside Dia- meter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
<b>Passenger / Light Truck Tires Bias</b>														
14-16.4 DK 29634	20 14 170	mm	251	463	381	419	6.4	9.5	12.7	22.2	kg	4.4	2	40
		inch	9.88	18.25	15.00	16.50	0.25	0.38	0.50	0.88	lbs	9.6		
14-17.5 DK 7585	20 14 105	mm	251	492	419	376	6.4	9.5	12.7	22.2	kg	4.8	2	40
		inch	9.88	19.36	16.50	14.82	0.25	0.38	0.50	0.88	lbs	10.6		
14-19.1 DK 12270	20 14 107	mm	251	532	457	376	6.4	9.5	12.7	22.2	kg	4.4	2	36
		inch	9.88	20.96	18.00	14.82	0.25	0.38	0.50	0.88	lbs	9.7		
14-21.3 DK 26260	20 14 121	mm	251	566	533	402	6.4	11.9	12.7	24.6	kg	5.9	3	20
		inch	9.88	22.28	20.98	15.83	0.25	0.47	0.50	0.97	lbs	13.0		
15-8.4 DK 21130	20 14 109	mm	276	262	200	349	6.4	9.5	12.7	19.1	kg	2.2	3	40
		inch	10.88	10.32	7.88	13.75	0.25	0.38	0.50	0.75	lbs	4.9		
15-11.8 DK 12123	20 14 207	mm	276	347	276	402	6.4	9.5	12.7	19.1	kg	3.1	2	40
		inch	10.88	13.68	10.88	15.82	0.25	0.38	0.50	0.75	lbs	6.9		
15-14.6 DK 12126	20 14 128	mm	276	418	346	402	6.4	9.5	12.7	19.1	kg	4.0	2	40
		inch	10.88	16.48	13.63	15.82	0.25	0.38	0.50	0.75	lbs	8.8		
15-17.6 DK 7804	20 14 162	mm	276	496	427	365	6.4	9.5	12.7	22.2	kg	4.5	2	20
		inch	10.88	19.54	16.81	14.38	0.25	0.38	0.50	0.88	lbs	9.9		
15-19.5 DK 2646	20 14 331	mm	276	543	473	402	6.4	9.5	12.7	22.2	kg	5.4	2	40
		inch	10.88	21.39	18.63	15.82	0.25	0.38	0.50	0.88	lbs	11.9		
15-22.4 DK 1282	20 14 130	mm	276	616	546	402	7.9	9.5	12.7	22.2	kg	7.4	1	20
		inch	10.88	24.26	21.50	15.82	0.31	0.38	0.50	0.88	lbs	16.3		
16-9.2 DK 20428	20 14 194	mm	302	282	216	381	6.4	9.5	12.7	22.2	kg	2.6	2	36
		inch	11.88	11.09	8.50	15.00	0.25	0.38	0.50	0.88	lbs	5.8		
16-16.7 DK 6954	20 14 104	mm	302	472	406	394	6.4	9.5	12.7	22.2	kg	5.0	2	40
		inch	11.88	18.58	16.00	15.50	0.25	0.38	0.50	0.88	lbs	11.0		
16-17.5 DK 27189	20 14 039	mm	302	491	368	508	7.9	9.5	12.7	22.2	kg	6.4	3	40
		inch	11.88	19.34	14.50	20.00	0.31	0.38	0.50	0.88	lbs	14.1		
16-19.3 DK 6931	20 14 103	mm	302	542	476	406	6.4	9.5	12.7	22.2	kg	5.7	2	20
		inch	11.88	21.36	18.75	16.00	0.25	0.38	0.50	0.88	lbs	12.6		
16-22.8 DK 8411	20 14 106	mm	302	626	562	394	6.4	9.5	12.7	22.2	kg	6.7	2	20
		inch	11.88	24.65	22.13	15.50	0.25	0.38	0.50	0.88	lbs	14.8		

## BOM Type Bladders Application in Bagomatic Presses

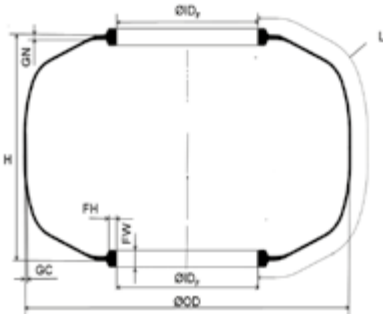


Bladder Description	Article Number		(ID) <sub>F</sub> Foot ID	(L) Length	(H) Height	(OD) Outside Diameter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
<b>Truck Tires Radial</b>														
B 20-0	20 17 104	mm	355	524	304	680	7.5	10.0	15.0	28.0	kg	8.1	4	16
		inch	13.98	20.63	11.97	26.77	0.30	0.39	0.59	1.10	lbs	17.9		
B 20-1	20 17 027	mm	355	558	338	700	7.0	10.0	15.0	27.0	kg	8.4	3	15
		inch	13.98	21.97	13.31	27.56	0.28	0.39	0.59	1.06	lbs	18.6		
B 20-1 V1	20 17 022	mm	355	608	388	700	7.0	10.0	15.0	27.0	kg	9.4	3	15
		inch	13.98	23.94	15.28	27.56	0.28	0.39	0.59	1.06	lbs	20.8		
RP 20-3	20 17 518	mm	355	632	500	630	8.0	10.0	15.0	27.0	kg	9.9	3	14
		inch	13.98	24.88	19.69	24.80	0.31	0.39	0.59	1.06	lbs	21.8		
B 20-2	20 13 114	mm	355	602	322	730	7.5	10.0	15.0	28.0	kg	10.2	1	15
		inch	13.98	23.70	12.68	28.74	0.30	0.39	0.59	1.10	lbs	22.4		
B 20-2 V1	20 13 115	mm	355	662	382	730	7.5	10.0	15.0	28.0	kg	11.6	1	15
		inch	13.98	26.06	15.04	28.74	0.30	0.39	0.59	1.10	lbs	25.6		
B 20-3 NP	20 17 070	mm	355	656	399	780	7.5	10.0	15.0	28.0	kg	10.8	1	15
		inch	13.98	25.83	15.71	30.71	0.30	0.39	0.59	1.10	lbs	23.8		
B 20-3 V1 NP	20 17 100	mm	355	716	459	780	7.5	10.0	15.0	28.0	kg	12.0	1	15
		inch	13.98	28.19	18.07	30.71	0.30	0.39	0.59	1.10	lbs	26.5		
B 20-6 NP	20 17 023	mm	355	750	418	870	7.5	10.0	15.0	28.0	kg	13.7	1	16
		inch	13.98	29.53	16.46	34.25	0.30	0.39	0.59	1.10	lbs	30.3		
RP 20-5	20 17 521	mm	355	750	603	673	8.0	10.0	15.0	27.0	kg	12.0	3	12
		inch	13.98	29.53	23.74	26.50	0.31	0.39	0.59	1.06	lbs	26.5		
B 20-4	20 17 081	mm	355	768	536	740	7.5	10.0	15.0	28.0	kg	12.5	2	8
		inch	13.98	30.24	21.10	29.13	0.30	0.39	0.59	1.10	lbs	27.4		
B 20-6 V1 NP	20 17 080	mm	355	810	478	870	7.5	10.0	15.0	28.0	kg	15.1	1	13
		inch	13.98	31.89	18.82	34.25	0.30	0.39	0.59	1.10	lbs	33.2		
B 20-7 A	20 17 024	mm	355	810	602	800	7.5	11.0	15.0	28.0	kg	15.4	2	10
		inch	13.98	31.89	23.70	31.50	0.30	0.43	0.59	1.10	lbs	34.0		
B 20-8 NP	20 13 047	mm	355	830	530	900	7.5	10.0	15.0	28.0	kg	14.8	1	13
		inch	13.98	32.68	20.87	35.43	0.30	0.39	0.59	1.10	lbs	32.6		
B 20-5	20 17 093	mm	355	850	564	840	7.5	10.0	15.0	28.0	kg	15.4	2	10
		inch	13.98	33.46	22.20	33.07	0.30	0.39	0.59	1.10	lbs	34.0		
B 20-8 V1 NP	20 13 048	mm	355	880	580	900	7.5	10.0	15.0	28.0	kg	16.2	1	10
		inch	13.98	34.65	22.83	35.43	0.30	0.39	0.59	1.10	lbs	35.6		
B 20-9	20 17 087	mm	355	902	608	850	7.5	10.0	15.0	28.0	kg	17.0	2	6
		inch	13.98	35.51	23.94	33.46	0.30	0.39	0.59	1.10	lbs	37.5		
B 20-8 V2 NP	20 13 049	mm	355	930	630	900	7.5	10.0	15.0	28.0	kg	17.2	1	8
		inch	13.98	36.61	24.80	35.43	0.30	0.39	0.59	1.10	lbs	37.9		
B 20-10	20 17 086	mm	355	1032	690	930	7.5	10.0	15.0	28.0	kg	19.7	2	8
		inch	13.98	40.63	27.17	36.61	0.30	0.39	0.59	1.10	lbs	43.3		
20-26.5 DK 46666	20 14 261	mm	384	710	505	787	6.9	9.5	12.7	25.4	kg	14.2	3	10
		inch	15.13	27.94	19.88	31.00	0.27	0.38	0.50	1.00	lbs	31.3		

Bladder Description	Article Number		(ID) <sub>F</sub> Foot ID	(L) Length	(H) Height	(OD) Outside Dia- meter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
<b>Truck Tires Bias</b>														
19.5-30.3 DK 1478	20 14 138	mm	356	817	740	512	8.4	14.4	12.7	30.2	kg	15.4	2	12
		inch	14.00	32.18	29.13	20.17	0.33	0.57	0.50	1.19	lbs	34.0		
20-22.8 DK 46055	20 14 112	mm	384	616	524	584	7.9	12.7	12.7	28.6	kg	10.1	2	15
		inch	15.13	24.24	20.63	23.00	0.31	0.50	0.50	1.13	lbs	22.3		
20-24.0 R	20 64 086	mm	384	635	547	572	9.5	12.7	12.7	27.6	kg	12.1	2	10
		inch	15.12	25.00	21.55	22.50	0.37	0.50	0.50	1.09	lbs	26.7		
20-25.0 RT	20 64 543	mm	384	660	572	572	7.0	12.7	12.7	27.6	kg	14.2	4	10
		inch	15.12	26.00	22.53	22.50	0.28	0.50	0.50	1.09	lbs	31.3		
20-25.3 DK 4969	20 14 326	mm	384	679	606	572	7.9	12.7	12.7	28.6	kg	11.6	2	15
		inch	15.13	26.75	23.88	22.50	0.31	0.50	0.50	1.13	lbs	25.6		
20-26.0 RT	20 64 542	mm	384	686	597	572	7.0	12.7	12.7	27.6	kg	11.2	4	10
		inch	15.12	27.01	23.50	22.53	0.28	0.50	0.50	1.09	lbs	24.7		
20-26.0 R	20 64 087	mm	384	686	597	572	9.5	12.7	12.7	27.6	kg	13.0	2	10
		inch	15.12	27.00	23.52	22.50	0.37	0.50	0.50	1.09	lbs	28.5		
20-28.0 R	20 64 088	mm	384	737	647	572	9.5	12.7	12.7	27.6	kg	14.0	2	10
		inch	15.12	29.00	25.48	22.53	0.37	0.50	0.50	1.09	lbs	30.8		
14.00-20	20 07 034	mm	384	874	744	710	9.0	10.0	13.0	25.0	kg	18.9	4	10
		inch	15.12	34.41	29.29	27.95	0.35	0.39	0.51	0.98	lbs	41.7		
20-33.1 DK 3476	20 14 147	mm	384	888	803	597	7.9	12.7	12.7	28.6	kg	17.6	4	12
		inch	15.13	34.98	31.63	23.50	0.31	0.50	0.50	1.13	lbs	38.8		
20-37.4 DK 3330	20 14 210	mm	384	998	908	635	7.9	12.7	12.7	28.6	kg	17.7	4	12
		inch	15.13	39.28	35.75	25.00	0.31	0.50	0.50	1.13	lbs	39.0		
11-70-22.5	20 07 038	mm	422	624	526	655	11.0	12.0	13.0	26.0	kg	16.5	4	10
		inch	16.61	24.57	20.71	25.79	0.43	0.47	0.51	1.02	lbs	36.4		
295-70-22.5	20 07 037	mm	422	656	556	676	11.0	12.0	13.0	26.0	kg	16.7	4	10
		inch	16.61	25.83	21.89	26.61	0.43	0.47	0.51	1.02	lbs	36.8		
13-22.5	20 07 039	mm	422	756	628	740	12.0	12.0	13.0	26.0	kg	22.8	4	10
		inch	16.61	29.76	24.72	29.13	0.47	0.47	0.51	1.02	lbs	50.3		
15-22.5	20 07 057	mm	422	800	687	741	11.0	13.0	13.0	26.0	kg	22.3	4	not defined
		inch	16.61	31.50	27.05	29.17	0.43	0.51	0.51	1.02	lbs	49.2		
16-22.5	20 07 056	mm	422	852	717	773	11.0	13.0	13.0	26.0	kg	24.3	4	10
		inch	16.61	33.54	28.23	30.43	0.43	0.51	0.51	1.02	lbs	53.6		
22.5-34.8 DK 1443	20 14 133	mm	432	933	856	592	8.4	14.4	12.7	30.2	kg	19.6	2	12
		inch	17.00	36.72	33.69	23.29	0.33	0.57	0.50	1.19	lbs	43.2		
22.5-23.0 RT	20 64 110	mm	434	610	522	620	7.0	12.7	12.7	27.6	kg	10.8	4	10
		inch	17.09	24.00	20.56	24.41	0.28	0.50	0.50	1.09	lbs	23.8		

## BOM Type Bladders

### Application in Bagomatic Presses

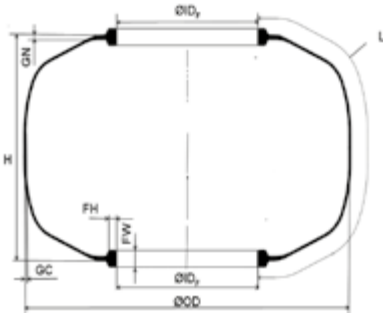


Bladder Description	Article Number		(ID <sub>F</sub> ) Foot ID	(L) Length	(H) Height	(OD) Outside Dia- meter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
<b>OTR Tires Bias / Radial</b>														
B 25-2	20 13 291	mm	465	940	598	1100	11.0	16.0	16.0	38.0	kg		1	not defined
		inch	18.31	37.01	23.54	43.31	0.43	0.63	0.63	1.50	lbs			
B 25-2 V1	20 16 292	mm	465	1100	748	1100	11.0	16.0	16.0	38.0	kg		1	not defined
		inch	18.31	43.31	29.45	43.31	0.43	0.63	0.63	1.50	lbs			
B 25-4	20 13 293	mm	465	1351	958	1250	11.0	16.0	16.0	38.0	kg		1	not defined
		inch	18.31	53.19	37.72	49.21	0.43	0.63	0.63	1.50	lbs			
B 25-4 V1	20 13 294	mm	465	1551	1158	1250	11.0	16.0	16.0	38.0	kg		1	not defined
		inch	18.31	61.06	45.59	49.21	0.43	0.63	0.63	1.50	lbs			
RP 26-3	20 17 056	mm	530	748	622	800	8.0	10.0	15.0	28.0	kg	15.6	4	5
		inch	20.87	29.45	24.49	31.50	0.31	0.39	0.59	1.10	lbs	34.4		
BOM 2607	20 17 053	mm	530	1120	1036	750	10.0	11.0	15.0	28.0	kg	26.6	4	5
		inch	20.87	44.09	40.79	29.53	0.39	0.43	0.59	1.10	lbs	58.6		
RP 30-3	20 17 057	mm	600	960	744	1060	8.0	10.0	15.0	28.0	kg	25.0	4	8
		inch	23.62	37.80	29.29	41.73	0.31	0.39	0.59	1.10	lbs	55.1		
RP 30-3 V1	20 17 076	mm	600	1260	1044	1060	8.0	10.0	15.0	28.0	kg	34.0	4	5
		inch	23.62	49.61	41.10	41.73	0.31	0.39	0.59	1.10	lbs	75.0		
B 38-3	20 13 298	mm	827	978	785	1300	11.0	11.0	12.0	26.0	kg		1	not defined
		inch	32.56	38.50	30.91	51.18	0.43	0.43	0.47	1.02	lbs			
B 38-3 V1	20 13 299	mm	827	1088	895	1300	11.0	11.0	12.0	26.0	kg		1	not defined
		inch	32.56	42.83	35.24	51.18	0.43	0.43	0.47	1.02	lbs			
RP 38-4	20 17 065	mm	838	892	750	1160	10.0	10.0	13.0	28.0	kg	25.9	4	4
		inch	32.99	35.12	29.53	45.67	0.39	0.39	0.51	1.10	lbs	57.0		
RP 38-4 V1	20 17 109	mm	838	1236	1094	1160	10.0	10.0	13.0	28.0	kg	45.5	4	4
		inch	32.99	48.66	43.07	45.67	0.39	0.39	0.51	1.10	lbs	100.3		



Bladder Description	Article Number		(ID <sub>F</sub> ) Foot ID	(L) Length	(H) Height	(OD) Outside Dia- meter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
<b>OTR Tires Bias</b>														
20-33.5	20 64 117	mm	384	876	782	572	11.4	12.7	12.7	27.6	kg	18.5	4	4
		inch	15.12	34.50	30.79	22.50	0.45	0.50	0.50	1.09	lbs	40.8		
20-37.6	20 64 109	mm	384	980	890	630	12.0	12.7	12.7	27.6	kg	20.3	4	4
		inch	15.12	38.60	35.04	24.80	0.47	0.50	0.50	1.09	lbs	44.8		
23-39.8 H	20 64 119	mm	430	1036	1015	730	12.0	12.7	12.7	27.6	kg	29.7	4	10
		inch	16.93	40.80	39.96	28.74	0.47	0.50	0.50	1.09	lbs	65.5		
58	20 16 030	mm	442	790	510	880	14.0	14.0	16.0	34.0	kg	30.5	7	5
		inch	17.40	31.10	20.08	34.65	0.55	0.55	0.63	1.34	lbs	67.2		
58 A	20 16 056	mm	442	940	660	880	14.0	14.0	16.0	34.0	kg	36.2	7	5
		inch	17.40	37.01	25.98	34.65	0.55	0.55	0.63	1.34	lbs	79.8		
58 B	20 16 057	mm	442	1010	730	880	14.0	14.0	16.0	34.0	kg	39.5	7	5
		inch	17.40	39.76	28.74	34.65	0.55	0.55	0.63	1.34	lbs	87.1		
25-37.5	20 64 091	mm	465	985	884	760	16.0	20.0	16.0	35.0	kg	42.0	4	4
		inch	18.31	38.76	34.80	29.92	0.63	0.79	0.63	1.38	lbs	92.6		
25-39.3	20 13 216	mm	465	1031	884	850	16.0	20.0	16.0	38.0	kg	42.0	2	4
		inch	18.31	40.59	34.80	33.46	0.63	0.79	0.63	1.50	lbs	92.6		
25-42.5	20 64 092	mm	465	1112	976	760	16.0	20.0	16.0	35.0	kg	45.5	4	4
		inch	18.31	43.76	38.43	29.92	0.63	0.79	0.63	1.38	lbs	100.3		
25-44.5	20 13 221	mm	465	1162	1015	850	16.0	20.0	16.0	38.0	kg	45.5	2	4
		inch	18.31	45.75	39.96	33.46	0.63	0.79	0.63	1.50	lbs	100.3		
25-47.2	20 13 218	mm	465	1231	1084	850	16.0	20.0	16.0	38.0	kg	63.0	2	3
		inch	18.31	48.46	42.68	33.46	0.63	0.79	0.63	1.50	lbs	138.9		
25-49.5	20 64 093	mm	465	1289	1179	890	16.0	20.0	16.0	35.0	kg	63.0	4	3
		inch	18.31	50.76	46.42	35.04	0.63	0.79	0.63	1.38	lbs	138.9		
25-55.5	20 64 094	mm	465	1442	1314	900	16.0	20.0	16.0	38.0	kg	56.5	2	3
		inch	18.31	56.76	51.73	35.43	0.63	0.79	0.63	1.50	lbs	124.4		
24.5-25.1 DK 3737	20 14 148	mm	470	696	600	660	7.9	12.7	12.7	28.6	kg	13.3	4	15
		inch	18.50	27.39	23.63	26.00	0.31	0.50	0.50	1.13	lbs	29.3		
24-25-29.2 DK 3266	20 14 146	mm	470	800	689	711	9.5	12.7	12.7	28.6	kg	17.9	4	12
		inch	18.50	31.49	27.13	28.00	0.38	0.50	0.50	1.13	lbs	39.5		
24-23.0 DK 6700	20 14 158	mm	483	632	565	603	9.5	12.7	12.7	28.6	kg	15.9	2	12
		inch	19.00	24.88	22.25	23.75	0.38	0.50	0.50	1.13	lbs	35.1		
24-30.7	20 64 089	mm	484	808	710	690	11.5	12.7	12.7	27.6	kg	20.1	2	4
		inch	19.06	31.82	27.95	27.17	0.45	0.50	0.50	1.09	lbs	44.3		
24-33.5	20 64 090	mm	485	880	780	690	11.5	12.7	12.7	27.6	kg	22.9	2	4
		inch	19.08	34.63	30.71	27.17	0.45	0.50	0.50	1.09	lbs	50.5		
8-24	20 07 031	mm	488	480	397	656	12.0	10.0	12.0	26.0	kg	12.4	5	10
		inch	19.21	18.90	15.63	25.83	0.47	0.39	0.47	1.02	lbs	27.3		
9-24	20 07 032	mm	488	550	467	656	12.0	10.0	12.0	26.0	kg	14.6	5	10
		inch	19.21	21.65	18.39	25.83	0.47	0.39	0.47	1.02	lbs	32.2		

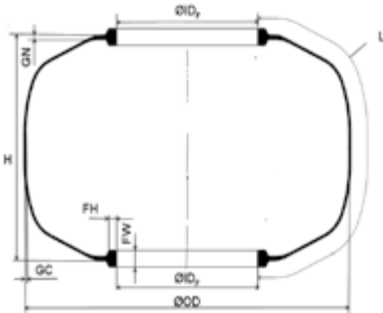
## BOM Type Bladders Application in Bagomatic Presses



Bladder Description	Article Number		(ID) <sub>F</sub> Foot ID	(L) Length	(H) Height	(OD) Outside Diameter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
<b>OTR Tires Bias</b>														
10-24	20 07 035	mm	488	607	507	700	12.0	10.0	12.0	26.0	kg	15.9	5	10
		inch	19.21	23.90	19.96	27.56	0.47	0.39	0.47	1.02	lbs	35.1		
18.4-26	20 07 050	mm	536	966	867	800	13.0	13.0	13.2	25.5	kg	31.5	4	10
		inch	21.10	38.03	34.13	31.50	0.51	0.51	0.52	1.00	lbs	69.4		
29-57.0	20 64 095	mm	546	1479	1306	813	19.1	15.8	15.9	30.8	kg	60.0	4	2
		inch	21.50	58.22	51.41	32.00	0.75	0.62	0.63	1.21	lbs	132.3		
33-51.0	20 64 100	mm	572	1346	1116	914	15.9	23.4	25.4	50.8	kg	61.0	2	2
		inch	22.50	53.00	43.92	36.00	0.63	0.92	1.00	2.00	lbs	134.5		
28-22.8 DK 6739	20 14 159	mm	584	627	549	686	9.5	12.7	12.7	28.6	kg	17.9	4	12
		inch	23.00	24.68	21.63	27.00	0.38	0.50	0.50	1.13	lbs	39.4		
28-35.4	20 64 544	mm	584	927	870	711	9.5	12.7	12.7	28.6	kg	28.5	4	4
		inch	23.00	36.51	34.25	27.99	0.37	0.50	0.50	1.13	lbs	62.8		
11-28	20 07 042	mm	589	709	628	801	15.7	11.7	12.0	26.0	kg	25.0	1	10
		inch	23.19	27.91	24.72	31.54	0.62	0.46	0.47	1.02	lbs	55.1		
41	20 16 118	mm	589	774	670	820	18.0	18.0	15.0	40.0	kg	37.4	10	5
		inch	23.19	30.47	26.38	32.28	0.71	0.71	0.59	1.57	lbs	82.5		
13-28	20 07 043	mm	589	809	728	801	15.7	11.7	12.0	26.0	kg	30.1	1	10
		inch	23.19	31.85	28.66	31.54	0.62	0.46	0.47	1.02	lbs	66.4		
41 A	20 16 028	mm	589	880	776	820	18.0	18.0	15.0	40.0	kg	41.6	10	5
		inch	23.19	34.65	30.55	32.28	0.71	0.71	0.59	1.57	lbs	91.7		
14-28	20 07 058	mm	589	904	821	820	15.0	10.5	12.0	26.0	kg	33.0	4	10
		inch	23.19	35.59	32.32	32.28	0.59	0.41	0.47	1.02	lbs	72.8		
14-30	20 07 059	mm	589	954	871	820	15.0	10.0	12.0	26.0	kg	34.8	4	10
		inch	23.19	37.56	34.29	32.28	0.59	0.39	0.47	1.02	lbs	76.7		
33-47.5	20 13 051	mm	665	1239	1114	980	16.0	16.0	16.0	32.0	kg	56.5	4	2
		inch	26.18	48.76	43.86	38.58	0.63	0.63	0.63	1.26	lbs	124.6		
9-32	20 07 051	mm	691	560	430	813	16.2	11.1	12.0	26.0	kg	21.5	4	10
		inch	27.20	22.05	16.93	32.01	0.64	0.44	0.47	1.02	lbs	47.4		
11-32	20 07 052	mm	691	680	613	813	16.2	11.1	12.0	26.0	kg	27.2	4	10
		inch	27.20	26.77	24.13	32.01	0.64	0.44	0.47	1.02	lbs	60.0		
34	20 16 060	mm	693	500	420	850	12.0	12.0	14.0	30.0	kg	18.6	7	5
		inch	27.28	19.69	16.54	33.46	0.47	0.47	0.55	1.18	lbs	41.0		
33 A	20 16 018	mm	693	822	751	860	16.0	16.0	14.0	30.0	kg	35.0	10	5
		inch	27.28	32.36	29.57	33.86	0.63	0.63	0.55	1.18	lbs	77.2		
14-34	20 07 061	mm	728	910	796	1020	15.0	11.0	13.0	27.0	kg	40.0	4	10
		inch	28.66	35.83	31.34	40.16	0.59	0.43	0.51	1.06	lbs	88.2		
15-34	20 07 062	mm	728	990	876	1020	15.0	11.0	13.0	27.0	kg	47.6	4	8
		inch	28.66	38.98	34.49	40.16	0.59	0.43	0.51	1.06	lbs	104.9		

Bladder Description	Article Number		(ID <sub>p</sub> ) Foot ID	(L) Length	(H) Height	(OD) Outside Dia- meter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
<b>OTR Tires Bias</b>														
39	20 16 054	mm	746	526	392	960	18.0	18.0	18.0	36.0	kg	31.2	10	5
		inch	29.37	20.71	15.43	37.80	0.71	0.71	0.71	1.42	lbs	68.8		
39 A	20 16 026	mm	746	566	432	960	18.0	18.0	18.0	36.0	kg	33.6	10	5
		inch	29.37	22.28	17.01	37.80	0.71	0.71	0.71	1.42	lbs	74.1		
39 B	20 16 053	mm	746	686	552	960	18.0	18.0	18.0	36.0	kg	39.3	10	5
		inch	29.37	27.01	21.73	37.80	0.71	0.71	0.71	1.42	lbs	86.6		
11-36	20 07 053	mm	780	656	553	1006	15.5	11.0	12.0	23.0	kg	30.7	4	10
		inch	30.71	25.83	21.77	39.61	0.61	0.43	0.47	0.91	lbs	67.7		
12-36	20 07 054	mm	780	716	613	1006	15.5	11.0	12.0	23.0	kg	33.0	4	10
		inch	30.71	28.19	24.13	39.61	0.61	0.43	0.47	0.91	lbs	72.8		
36-21.0 DK 6769	20 14 335	mm	787	581	505	889	9.5	12.7	12.7	28.6	kg	20.1	4	10
		inch	31.00	22.88	19.88	35.00	0.38	0.50	0.50	1.13	lbs	44.3		
11-38	20 07 074	mm	827	674	594	1000	12.0	10.0	12.0	26.0	kg	29.3	10	10
		inch	32.56	26.54	23.39	39.37	0.47	0.39	0.47	1.02	lbs	64.6		
12-38	20 07 060	mm	827	778	682	1046	13.5	10.0	12.0	26.0	kg	35.0	4	10
		inch	32.56	30.63	26.85	41.18	0.53	0.39	0.47	1.02	lbs	77.2		
14-38	20 07 063	mm	827	880	784	1046	13.5	10.0	12.0	26.0	kg	41.0	4	10
		inch	32.56	34.65	30.87	41.18	0.53	0.39	0.47	1.02	lbs	90.4		
18.4-38	20 07 055	mm	827	978	844	1150	13.0	10.0	12.0	26.0	kg	46.1	4	6
		inch	32.56	38.50	33.23	45.28	0.51	0.39	0.47	1.02	lbs	101.6		
20.8-38	20 16 307	mm	827	1088	954	1150	13.0	10.0	12.0	26.0	kg	53.4	4	6
		inch	32.56	42.83	37.56	45.28	0.51	0.39	0.47	1.02	lbs	117.7		
38-22.2 DK 6774	20 14 100	mm	838	605	537	927	9.5	12.7	12.7	28.6	kg	22.6	4	10
		inch	33.00	23.83	21.13	36.50	0.38	0.50	0.50	1.13	lbs	49.8		
49-63.0	20 64 101	mm	953	1651	1368	1524	15.9	22.2	15.2	38.1	kg	120.0	4	2
		inch	37.50	65.00	53.88	60.00	0.63	0.88	0.60	1.50	lbs	264.6		
51-71.0	20 64 114	mm	953	1860	1573	1524	19.1	23.4	25.4	50.8	kg	160.0	4	1
		inch	37.50	73.21	61.92	60.00	0.75	0.92	1.00	2.00	lbs	352.7		

## BOM Type Bladders Application in Bagomatic Presses



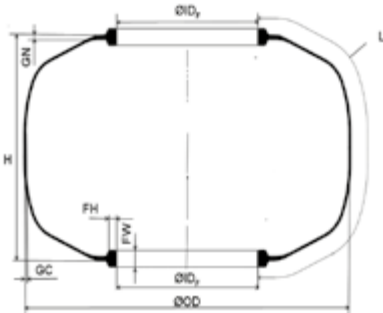
Bladder Description	Article Number		(ID) <sub>f</sub> Foot ID	(L) Length	(H) Height	(OD) Outside Dia- meter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
<b>Kart / Wheelbarrow / Industrial / Farm Implement Tires</b>														
BOM 411	20 17 833	mm	51	129	95	100	4.0	4.0	6.0	8.5	kg	0.2	3	50
		inch	2.01	5.08	3.74	3.94	0.16	0.16	0.24	0.33	lbs	0.5		
BOM 414	20 17 801	mm	51	168	135	100	5.0	5.0	6.0	8.5	kg	0.3	3	50
		inch	2.01	6.61	5.31	3.94	0.20	0.20	0.24	0.33	lbs	0.7		
BOM 401	20 17 809	mm	51	210	170	130	5.9	5.9	7.0	14.0	kg	0.4	3	50
		inch	2.01	8.27	6.69	5.12	0.23	0.23	0.28	0.55	lbs	0.9		
BOM 406	20 17 862	mm	51	261	208	145	6.0	6.0	8.0	14.0	kg	0.6	6	not defined
		inch	2.01	10.28	8.19	5.71	0.24	0.24	0.31	0.55	lbs	1.3		
BOM 403	20 17 810	mm	51	270	230	130	5.9	5.9	7.0	14.0	kg	0.6	3	50
		inch	2.01	10.63	9.06	5.12	0.23	0.23	0.28	0.55	lbs	1.2		
BOM 407 V1	20 17 865	mm	51	347	297	150	6.0	6.0	8.0	14.0	kg	0.9	6	50
		inch	2.01	13.64	11.69	5.91	0.24	0.24	0.31	0.55	lbs	1.9		
BOM 404-220	20 17 811	mm	60	270	224	130	5.0	5.0	7.0	14.0	kg	0.5	4	50
		inch	2.36	10.63	8.82	5.12	0.20	0.20	0.28	0.55	lbs	1.2		
BOM 603	20 17 802	mm	95	273	218	180	6.0	6.0	9.0	17.0	kg	1.1	3	not defined
		inch	3.74	10.75	8.58	7.09	0.24	0.24	0.35	0.67	lbs	2.4		
BOM 803	20 17 806	mm	152	277	238	220	6.0	6.0	9.0	16.0	kg	1.2	3	50
		inch	5.98	10.91	9.37	8.66	0.24	0.24	0.35	0.63	lbs	2.6		
BOM 805	20 17 825	mm	152	342	302	240	6.0	6.0	9.0	17.0	kg	1.5	3	50
		inch	5.98	13.46	11.89	9.45	0.24	0.24	0.35	0.67	lbs	3.4		
BOM 1005	20 17 054	mm	152	365	290	280	8.0	8.0	11.0	22.0	kg	2.5	4	30
		inch	5.98	14.37	11.42	11.02	0.31	0.31	0.43	0.87	lbs	5.4		
BOM 1003	20 17 818	mm	158	325	255	260	7.6	7.6	11.0	21.0	kg	2.0	4	30
		inch	6.22	12.80	10.04	10.24	0.30	0.30	0.43	0.83	lbs	4.4		
BOM 1004	20 17 539	mm	158	374	305	260	5.0	7.0	11.0	21.0	kg	1.6	4	30
		inch	6.22	14.72	12.01	10.24	0.20	0.28	0.43	0.83	lbs	3.6		
BOM 1200	20 17 543	mm	207	258	200	285	8.0	8.0	11.0	23.0	kg	1.8	4	60
		inch	8.15	10.16	7.87	11.22	0.31	0.31	0.43	0.91	lbs	4.0		
BOM 1201	20 17 541	mm	207	325	226	309	7.3	7.0	11.0	23.0	kg	2.5	4	30
		inch	8.15	12.80	8.88	12.17	0.29	0.28	0.43	0.91	lbs	5.4		
BOM 1203 D	20 17 542	mm	207	386	313	311	5.0	6.3	11.0	23.0	kg	2.7	3	36
		inch	8.15	15.20	12.32	12.24	0.20	0.25	0.43	0.91	lbs	6.0		
BOM 1301	20 17 819	mm	225	386	305	351	7.0	7.0	11.0	23.0	kg	3.1	4	30
		inch	8.86	15.20	12.01	13.82	0.28	0.28	0.43	0.91	lbs	6.9		
BOM 1302 D	20 17 507	mm	225	412	323	351	4.5	8.0	11.0	23.0	kg	2.7	4	30
		inch	8.86	16.22	12.72	13.82	0.18	0.31	0.43	0.91	lbs	6.0		
BOM 1310	20 17 512	mm	225	510	440	351	7.0	8.0	11.0	23.0	kg	4.5	4	15
		inch	8.86	20.08	17.32	13.82	0.28	0.31	0.43	0.91	lbs	10.0		

Bladder Description	Article Number		(ID) <sub>F</sub> Foot ID	(L) Length	(H) Height	(OD) Outside Dia- meter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
<b>Kart / Wheelbarrow / Industrial / Farm Implement Tires</b>														
BOM 1502	20 17 514	mm	276	368	279	402	7.0	8.0	11.0	23.0	kg	3.5	4	32
		inch	10.87	14.49	10.98	15.83	0.28	0.31	0.43	0.91	lbs	7.7		
BOM 1504	20 17 116	mm	276	430	359	390	6.4	8.0	11.0	23.0	kg	3.8	4	10
		inch	10.87	16.93	14.13	15.35	0.25	0.31	0.43	0.91	lbs	8.3		
BOM 1507	20 17 517	mm	276	448	357	402	7.0	8.0	11.0	23.0	kg	4.1	4	21
		inch	10.87	17.64	14.06	15.83	0.28	0.31	0.43	0.91	lbs	9.0		
BOM 1508	upon request	mm	276	460	387	380	7.0	8.0	11.0	23.0	kg	4.1	4	not defined
		inch	10.87	18.11	15.24	14.96	0.28	0.31	0.43	0.91	lbs	9.0		
BOM 1511	20 17 525	mm	276	480	393	402	7.0	8.0	12.5	23.5	kg	4.4	4	14
		inch	10.87	18.90	15.47	15.83	0.28	0.31	0.49	0.93	lbs	9.7		
BOM 1510	20 17 524	mm	276	486	415	402	7.0	8.0	11.0	23.0	kg	4.6	4	10
		inch	10.87	19.13	16.34	15.83	0.28	0.31	0.43	0.91	lbs	10.0		
BOM 1513	20 17 513	mm	276	492	417	422	7.0	8.0	11.0	23.0	kg	4.6	4	12
		inch	10.87	19.37	16.42	16.61	0.28	0.31	0.43	0.91	lbs	10.2		
BOM 1514	20 17 526	mm	276	515	426	437	8.0	8.0	11.0	23.0	kg	6.2	4	14
		inch	10.87	20.28	16.77	17.20	0.31	0.31	0.43	0.91	lbs	13.7		
BOM 1515	20 17 527	mm	276	542	454	437	8.0	8.0	11.0	23.0	kg	5.8	4	10
		inch	10.87	21.34	17.87	17.20	0.31	0.31	0.43	0.91	lbs	12.8		
BOM 1517	20 17 358	mm	276	620	530	437	8.0	8.0	11.0	23.0	kg	6.7	4	10
		inch	10.87	24.41	20.87	17.20	0.31	0.31	0.43	0.91	lbs	14.7		
6.00-16	20 07 013	mm	314	423	356	461	10.5	9.0	9.0	18.0	kg	5.4	4	10
		inch	12.36	16.65	14.02	18.15	0.41	0.35	0.35	0.71	lbs	11.8		
6.00-18	20 07 044	mm	314	485	418	461	10.5	9.0	9.0	18.0	kg	6.4	4	10
		inch	12.36	19.09	16.46	18.15	0.41	0.35	0.35	0.71	lbs	14.0		
BOM 1804	20 17 040	mm	318	635	524	530	8.0	8.0	12.5	25.0	kg	8.1	3	10
		inch	12.52	25.00	20.63	20.87	0.31	0.31	0.49	0.98	lbs	17.9		
BOM 1703	20 17 529	mm	325	432	354	460	6.2	8.0	11.0	23.0	kg	4.8	4	21
		inch	12.80	17.01	13.94	18.11	0.24	0.31	0.43	0.91	lbs	10.5		
6.50-20	20 07 014	mm	418	470	399	580	11.5	9.0	9.0	20.0	kg	9.0	4	10
		inch	16.46	18.50	15.71	22.83	0.45	0.35	0.35	0.79	lbs	19.8		
7.50-20	20 07 046	mm	418	520	449	580	11.5	9.0	9.0	20.0	kg	9.2	4	10
		inch	16.46	20.47	17.68	22.83	0.45	0.35	0.35	0.79	lbs	20.3		



## BOM Type Bladders

### Application in Bagomatic Presses

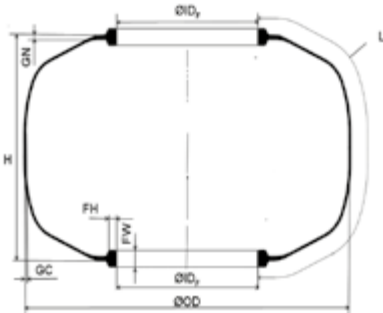


Bladder Description	Article Number		(ID) <sub>F</sub> Foot ID	(L) Length	(H) Height	(OD) Outside Dia- meter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
<b>Motorcycle Tires</b>														
B 0 NP	20 13 062	mm	225	388	200	510	4.5	7.0	12.0	24.0	kg	3.0	1	60
		inch	8.86	15.28	7.87	20.08	0.18	0.28	0.47	0.94	lbs	6.6		
BOM 1605	20 17 537	mm	341	227	185	417	5.0	5.0	8.0	14.5	kg	1.9	3	50
		inch	13.43	8.94	7.26	16.42	0.20	0.20	0.31	0.57	lbs	4.2		
BOM 1600	20 17 506	mm	345	166	118	416	4.5	5.5	8.0	14.0	kg	1.1	3	50
		inch	13.58	6.54	4.63	16.38	0.18	0.22	0.31	0.55	lbs	2.3		
17-7.2	20 64 083	mm	367	197	162	430	4.0	7.5	7.0	20.0	kg	1.8	3	120
		inch	14.45	7.75	6.36	16.93	0.16	0.30	0.28	0.79	lbs	3.9		
BOM 1700	20 17 848	mm	369	165	118	440	4.5	5.5	8.0	14.0	kg	1.8	3	50
		inch	14.53	6.50	4.63	17.32	0.18	0.22	0.31	0.55	lbs	3.9		
BOM 1704 E	20 17 538	mm	369	212	168	448	4.2	5.5	8.0	14.5	kg	1.6	3	50
		inch	14.53	8.35	6.61	17.64	0.17	0.22	0.31	0.57	lbs	3.5		
BOM 1704	20 17 849	mm	369	215	168	453	3.6	5.5	8.0	15.0	kg	1.8	10	30
		inch	14.53	8.46	6.61	17.83	0.14	0.22	0.31	0.59	lbs	3.9		
BOM 1805 E	20 17 805	mm	388	246	190	478	5.0	5.0	8.0	14.5	kg	2.2	3	50
		inch	15.28	9.69	7.48	18.82	0.20	0.20	0.31	0.57	lbs	4.9		
BOM 1810 E	20 17 826	mm	388	288	232	481	6.0	6.0	8.0	16.5	kg	2.9	3	12
		inch	15.28	11.34	9.13	18.94	0.24	0.24	0.31	0.65	lbs	6.5		
18-7.7	20 64 084	mm	392	210	173	455	6.0	7.5	7.0	20.0	kg	2.1	3	90
		inch	15.43	8.25	6.79	17.91	0.24	0.30	0.28	0.79	lbs	4.6		
18-8.3	20 64 085	mm	392	225	188	455	6.0	7.5	7.0	20.0	kg	2.3	3	90
		inch	15.43	8.85	7.38	17.91	0.24	0.30	0.28	0.79	lbs	5.1		
BOM 1900	20 17 850	mm	410	166	118	481	4.5	5.5	8.0	14.0	kg	1.6	3	50
		inch	16.14	6.54	4.63	18.94	0.18	0.22	0.31	0.55	lbs	3.5		
BOM 1902	20 17 851	mm	421	188	139	498	4.5	5.5	8.0	13.5	kg	1.6	3	50
		inch	16.57	7.40	5.45	19.61	0.18	0.22	0.31	0.53	lbs	3.6		
BOM 2203 SE	20 17 867	mm	498	162	118	569	4.5	5.5	8.0	14.0	kg	1.8	2	50
		inch	19.61	6.38	4.63	22.40	0.18	0.22	0.31	0.55	lbs	3.9		

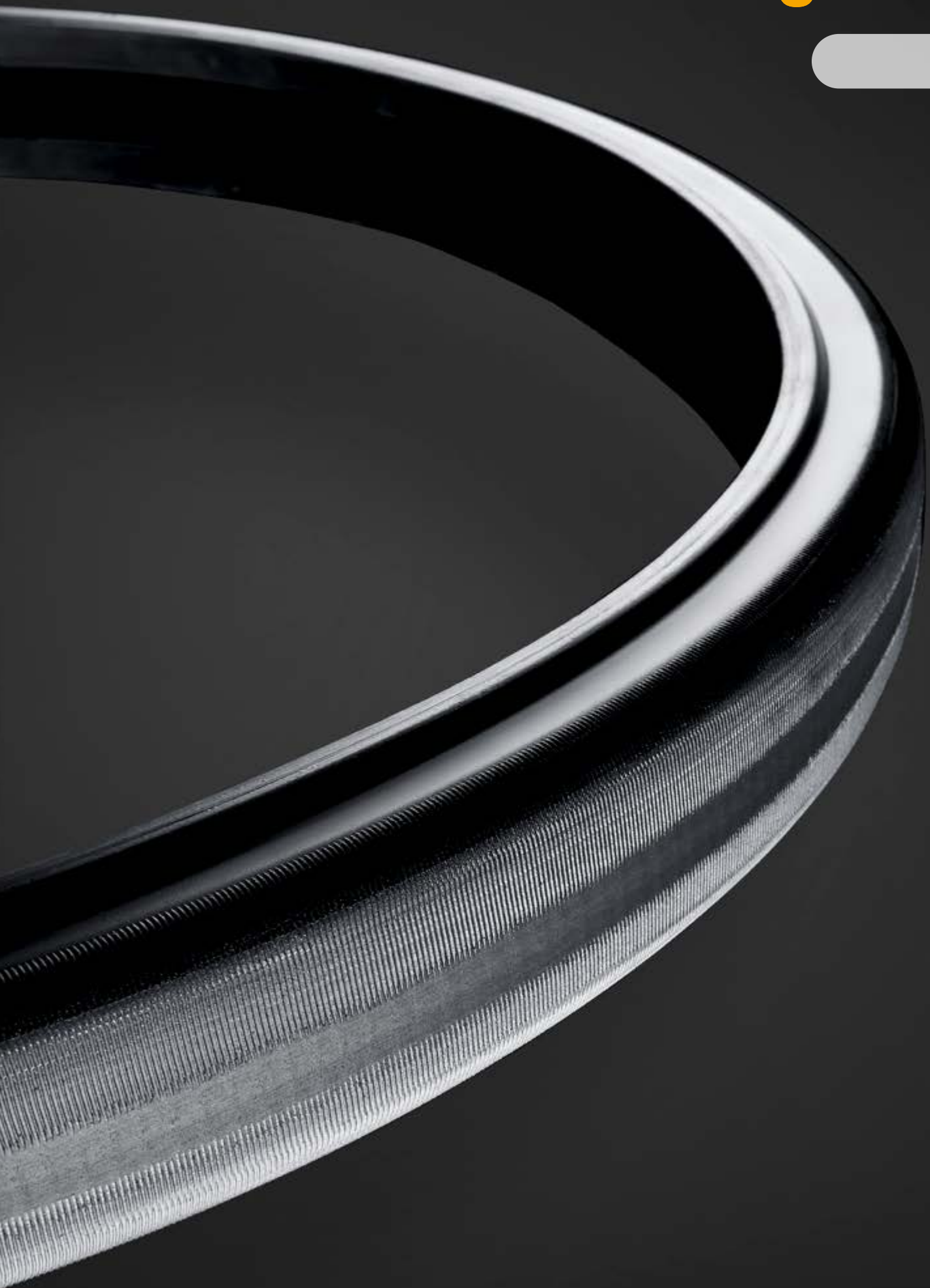




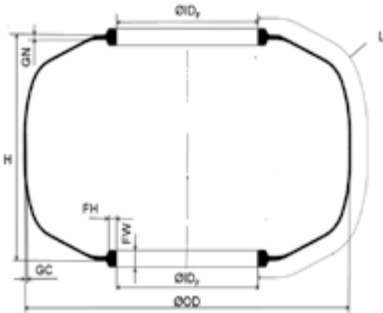
## BOM Type Bladders Application in Bagomatic Presses



Bladder Description	Article Number		(ID <sub>F</sub> ) Foot ID	(L) Length	(H) Height	(OD) Outside Diameter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
<b>Bicycle Tires</b>														
BOM Z 203-08	20 17 836	mm	149	165	118	219	3.5	5.5	8.0	14.0	kg	0.6	3	100
		inch	5.87	6.50	4.63	8.62	0.14	0.22	0.31	0.55	lbs	1.2		
BOM Z 305-05	20 17 837	mm	260	120	90	307	3.5	5.0	8.5	13.0	kg	0.6	3	50
		inch	10.24	4.72	3.54	12.09	0.14	0.20	0.33	0.51	lbs	1.4		
BOM Z 355-05	20 17 838	mm	310	120	90	357	3.5	5.0	8.5	13.0	kg	0.6	3	50
		inch	12.20	4.72	3.54	14.06	0.14	0.20	0.33	0.51	lbs	1.4		
BOM Z 406-06	20 17 820	mm	345	150	98	421	3.5	5.5	8.0	15.0/15.8	kg	1.3	3	25
		inch	13.58	5.91	3.86	16.57	0.14	0.22	0.31	0.59/0.62	lbs	2.8		
BOM Z 507-05	20 17 840	mm	445	142	90	520	3.5	5.5	8.0	14.0	kg	1.5	3	50
		inch	17.52	5.59	3.52	20.47	0.14	0.22	0.31	0.55	lbs	3.3		
BOM Z 540-03	20 17 839	mm	478	120	71	546	3.5	5.0	8.0	14.0	kg	0.9	3	50
		inch	18.82	4.72	2.80	21.50	0.14	0.20	0.31	0.55	lbs	1.9		
BOM Z 559-05	20 17 821	mm	490	142	89	561	3.5	5.5	8.5	14.5	kg	1.6	3	50
		inch	19.29	5.59	3.50	22.09	0.14	0.22	0.33	0.57	lbs	3.6		
BOM Z 584-02	20 13 224	mm	520	101	60	570	4.5	5.5	8.0	14.0	kg	1.1	2	50
		inch	20.47	3.99	2.36	22.44	0.18	0.22	0.31	0.55	lbs	2.4		
BOM Z 584	20 13 124	mm	520	164	118	594	4.5	5.5	8.0	14.0	kg	1.9	2	50
		inch	20.47	6.46	4.65	23.39	0.18	0.22	0.31	0.55	lbs	4.1		
BOM Z 584-04	20 13 227	mm	520	172	118	610	4.5	5.5	8.0	14.0	kg	1.9	1	50
		inch	20.47	6.77	4.65	24.02	0.18	0.22	0.31	0.55	lbs	4.1		
BOM Z 584-03	20 13 219	mm	520	183	133	596	4.5	5.5	8.0	14.0	kg	1.9	2	50
		inch	20.47	7.20	5.24	23.46	0.18	0.22	0.31	0.55	lbs	4.1		
BOM Z 590-03	20 17 841	mm	530	120	71	598	3.5	4.0	8.0	14/14.8	kg	1.4	3	50
		inch	20.87	4.72	2.80	23.54	0.14	0.16	0.31	0.55/0.58	lbs	3.0		
BOM Z 622-04	20 17 822	mm	555	134	84	625	3.5	5.5	8.5	14.5	kg	1.7	5	50
		inch	21.85	5.28	3.31	24.61	0.14	0.22	0.33	0.57	lbs	3.7		
BOM Z 622-06	20 13 126	mm	555	155	110	632	3.5	5.5	8.0	14.5	kg	1.7	1	50
		inch	21.85	6.10	4.33	24.88	0.14	0.22	0.31	0.57	lbs	3.6		
BOM Z 622-02	20 17 842	mm	565	98	50	620	3.5	5.0	7.5	14.5	kg	1.3	1	50
		inch	22.24	3.86	1.97	24.41	0.14	0.20	0.30	0.57	lbs	2.9		
BOM Z 622-01	20 17 803	mm	565	110	78	600	2.0	5.0	7.0	14.0	kg	1.1	2	50
		inch	22.24	4.33	3.07	23.62	0.08	0.20	0.28	0.55	lbs	2.4		
BOM Z 630-02 NP	20 13 289	mm	565	111	64	627	3.5	5.5	7.0	14.0	kg	1.2	1.1	50
		inch	22.24	4.37	2.50	24.69	0.14	0.22	0.28	0.55	lbs	2.7		
BOM Z 635-04	20 17 843	mm	575	133	89	643	5.5	5.5	8.0	13.0	kg	1.7	3	50
		inch	22.64	5.24	3.48	25.31	0.22	0.22	0.31	0.51	lbs	3.7		
BOM Z 571-03	20 13 140	mm	575	146	99	648	5.5	5.5	8.0	13.0	kg	1.2	10	50
		inch	22.64	5.75	3.88	25.51	0.22	0.22	0.31	0.51	lbs	2.7		



## BOM Type Bladders Application in Bagomatic Presses

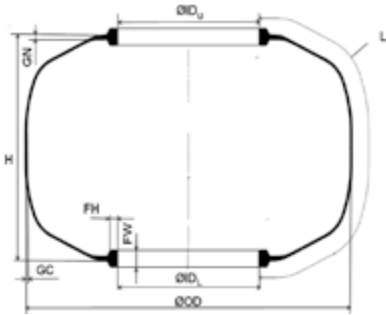


Bladder Description	Article Number		(ID) <sub>f</sub> Foot ID	(L) Length	(H) Height	(OD) Outside Dia- meter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit	
<b>Air Springs</b>															
BOM 404-220	20 17 811	mm	60	270	220	130	5.0	5.0	7.0	14.0	kg	0.5	4	50	
		inch	2.36	10.63	8.66	5.12	0.20	0.20	0.28	0.55	lbs	1.2			
BOM 404-330	20 17 855	mm	60	372	324	130	5.0	5.0	7.0	14.0	kg	0.8	4	50	
		inch	2.36	14.65	12.76	5.12	0.20	0.20	0.28	0.55	lbs	1.8			
BOM 505-310	20 17 812	mm	78	362	310	161	6.3	6.3	8.0	19.0	kg	1.1	4	100	
		inch	3.07	14.25	12.20	6.32	0.25	0.25	0.31	0.75	lbs	2.4			
BOM 506-360	20 17 815	mm	78	394	360	140	6.5	6.5	8.0	19.0	kg	1.1	4	100	
		inch	3.07	15.51	14.17	5.51	0.26	0.26	0.31	0.75	lbs	2.4			
BOM 505-360	20 17 813	mm	78	412	360	161	6.3	6.3	8.0	19.0	kg	1.2	4	90	
		inch	3.07	16.22	14.17	6.32	0.25	0.25	0.31	0.75	lbs	2.7			
BOM 506-410	20 17 816	mm	78	444	410	140	6.5	6.5	8.0	19.0	kg	1.2	4	90	
		inch	3.07	17.48	16.14	5.51	0.26	0.26	0.31	0.75	lbs	2.7			
BOM 505-410	20 17 814	mm	78	462	410	161	6.3	6.3	8.0	19.0	kg	1.5	4	75	
		inch	3.07	18.19	16.14	6.32	0.25	0.25	0.31	0.75	lbs	3.2			
BOM 506-450	20 13 214	mm	78	487	450	140	6.3	6.3	8.0	19.0	kg	1.5	4	50	
		inch	3.07	19.15	17.72	5.51	0.25	0.25	0.31	0.75	lbs	3.3			
BOM 507	20 17 059	mm	78	514	440	200	6.0	6.8	8.0	19.0	kg	1.7	4	50	
		inch	3.07	20.24	17.32	7.87	0.24	0.27	0.31	0.75	lbs	3.7			
BOM 508	20 17 063	mm	78	562	500	170	6.0	6.8	8.0	19.0	kg	1.8	4	50	
		inch	3.07	22.13	19.69	6.69	0.24	0.27	0.31	0.75	lbs	3.9			
BOM 506-580	20 13 215	mm	78	616	580	140	6.3	6.3	8.0	19.0	kg	2.1	4	40	
		inch	3.07	24.26	22.83	5.51	0.25	0.25	0.31	0.75	lbs	4.6			
BOM 512	20 17 817	mm	120	404	360	200	6.7	6.7	8.0	19.0	kg	1.8	4	50	
		inch	4.72	15.91	14.19	7.89	0.26	0.26	0.31	0.75	lbs	3.9			
BOM 510-370	20 17 058	mm	120	460	370	260	6.0	6.8	8.0	19.0	kg	2.1	4	30	
		inch	4.72	18.11	14.57	10.24	0.24	0.27	0.31	0.75	lbs	4.7			
BOM 510-450	20 13 063	mm	120	485	450	260	6.0	6.8	8.0	19.0	kg	2.6	4	40	
		inch	4.72	19.09	17.72	10.24	0.24	0.27	0.31	0.75	lbs	5.7			
BOM 510-510	20 17 055	mm	120	600	510	260	6.0	6.8	8.0	19.0	kg	3.0	4	36	
		inch	4.72	23.62	20.08	10.24	0.24	0.27	0.31	0.75	lbs	6.6			
BOM 514	20 17 501	mm	120	652	600	197	6.0	6.8	8.0	19.0	kg	2.5	4	40	
		inch	4.72	25.67	23.62	7.76	0.24	0.27	0.31	0.75	lbs	5.5			
F 68	20 17 060	mm	380	602	322	560	6.5	6.5	11.0	23.0	kg	6.1	4	12	
		inch	14.96	23.70	12.68	22.05	0.26	0.26	0.43	0.91	lbs	13.4			





## Bladders for Retreading



Bladder Description	Article Number		(ID <sub>U</sub> ) Upper Foot ID	(ID <sub>L</sub> ) Lower Foot ID	(L) Length	(H) Height	(OD) Outside Dia- meter	(GC) Crown Gauge	(GN) Neck Gauge	(FH) Foot Height	(FW) Foot Width		Trimmed Weight	Surface Design	Packing Unit
<b>Retreading</b>															
H 10	20 17 003	mm	160	160	465	405	250	8.0	8.0	10.0	21.0	kg	3.0	3	27
		inch	6.30	6.30	18.31	15.94	9.84	0.31	0.31	0.39	0.83	lbs	6.6		
BOM 1203 D	20 17 542	mm	207	207	386	313	311	5.0	6.3	11.0	23.0	kg	2.7	3	36
		inch	8.15	8.15	15.20	12.32	12.24	0.20	0.25	0.43	0.91	lbs	6.0		
RP 13-3 V	20 17 008	mm	225	225	430	312	413	8.0	8.0	11.0	21.0	kg	4.4	3	16
		inch	8.86	8.86	16.93	12.28	16.26	0.31	0.31	0.43	0.83	lbs	9.6		
RP 13-4	20 17 007	mm	225	225	450	335	413	8.0	8.0	11.0	23.0	kg	4.4	4	20
		inch	8.86	8.86	17.72	13.19	16.26	0.31	0.31	0.43	0.91	lbs	9.7		
RP 13-5	20 17 010	mm	225	225	480	335	450	6.0	8.0	12.5	23.5	kg	4.2	4	50
		inch	8.86	8.86	18.90	13.19	17.72	0.24	0.31	0.49	0.93	lbs	9.2		
BN 1	20 17 306	mm	225	200	495	416	351	7.0	8.0	13.0	19.0	kg	4.0	4	20
		inch	8.86	7.87	19.49	16.38	13.82	0.28	0.31	0.51	0.75	lbs	8.8		
RP 13-7	20 17 013	mm	225	225	536	395	460	6.0	8.0	12.5	23.5	kg	4.6	4	40
		inch	8.86	8.86	21.10	15.55	18.11	0.24	0.31	0.49	0.93	lbs	10.2		
RP 13-9	20 17 011	mm	225	225	607	490	467	7.2	7.2	12.5	23.5	kg	6.4	4	30
		inch	8.86	8.86	23.90	19.29	18.39	0.28	0.28	0.49	0.93	lbs	14.2		
BN 2	20 17 307	mm	250	225	680	508	400	7.0	8.0	13.0	19.0	kg	5.7	4	16
		inch	9.84	8.86	26.77	20.00	15.75	0.28	0.31	0.51	0.75	lbs	12.5		
BN 4	20 17 312	mm	373	277	930	832	537	11.0	11.0	15.5	30.0	kg	16.4	4	12
		inch	14.69	10.91	36.61	32.76	21.14	0.43	0.43	0.61	1.18	lbs	36.2		
RP 20-3	20 17 518	mm	355	355	632	500	630	8.0	10.0	15.0	27.0	kg	9.9	3	14
		inch	13.98	13.98	24.88	19.69	24.80	0.31	0.39	0.59	1.06	lbs	21.8		
RP 20-5	20 17 521	mm	355	355	750	603	673	8.0	10.0	15.0	27.0	kg	12.0	3	12
		inch	13.98	13.98	29.53	23.74	26.50	0.31	0.39	0.59	1.06	lbs	26.5		
20-26.5 DK 46666	20 14 261	mm	384	384	710	505	787	6.9	9.5	12.7	25.4	kg	14.2	3	10
		inch	15.13	15.13	27.94	19.88	31.00	0.27	0.38	0.50	1.00	lbs	31.3		
H 20-6	20 17 018	mm	385	385	746	535	810	9.0	11.0	13.0	25.5	kg	16.7	4	10
		inch	15.16	15.16	29.37	21.06	31.89	0.35	0.43	0.51	1.00	lbs	36.8		



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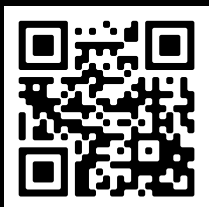
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