

**TOUGH
IS OUR
WAY OF
LIFE**




*camoplast
solideal*

Construction Tires 2014

General Reference Data

Load index equivalences in kg and lb

LI	kg	lb	LI	kg	lb	LI	kg	lb	LI	kg	lb	LI	kg	lb	LI	kg	lb
100	1,764	800	121	3,200	1,450	142	5,840	2,650	160	9,920	4,500	181	18,190	8,250	202	33,070	15,000
101	1,819	825	122	3,310	1,500	143	6,010	2,725	161	10,200	4,625	182	18,740	8,500	203	34,180	15,500
102	1,874	850	123	3,420	1,550	144	6,170	2,800	162	10,470	4,750	183	19,290	8,750	204	35,280	16,000
103	1,929	875	124	3,530	1,600	145	6,390	2,900	163	10,750	4,875	184	19,840	9,000	205	36,380	16,500
104	1,985	900	125	3,640	1,650	146	6,610	3,000	164	11,020	5,000	185	20,390	9,250	206	37,480	17,000
105	2,040	925	126	3,750	1,700	147	6,780	3,075	165	11,350	5,150	186	20,940	9,500	207	38,590	17,500
106	2,095	950	127	3,860	1,750	148	6,950	3,150	166	11,690	5,300	187	21,500	9,750	208	39,690	18,000
110	2,337	1,060	128	3,970	1,800	149	7,170	3,250	170	13,230	6,000	188	22,050	10,000	209	40,790	18,500
111	2,403	1,090	129	4,080	1,850	150	7,390	3,350	171	13,560	6,150	189	22,710	10,300	210	41,890	19,000
112	2,470	1,120	130	4,190	1,900	151	7,610	3,450	172	13,890	6,300	190	23,370	10,600	211	43,000	19,500
113	2,536	1,150	131	4,300	1,950	152	7,830	3,550	173	14,330	6,500	191	24,030	10,900	212	44,100	20,000
114	2,602	1,180	132	4,410	2,000	153	8,050	3,650	174	14,770	6,700	192	24,690	11,200	213	45,200	20,600
115	2,679	1,215	133	4,540	2,060	154	8,270	3,750	175	15,210	6,900	193	25,360	11,500	214	46,750	21,200
116	2,756	1,250	134	4,670	2,120	155	8,540	3,875	176	15,650	7,100	194	26,020	11,800	215	48,070	21,800
117	2,833	1,285	135	4,810	2,180	156	8,820	4,000	177	16,090	7,300	195	26,790	12,150	216	49,390	22,400
118	2,911	1,320	136	4,940	2,240	157	9,090	4,125	178	16,530	7,500	196	27,560	12,500	217	50,700	23,000
119	2,999	1,360	140	5,510	2,500	158	9,370	4,250	179	17,090	7,750	200	30,870	14,000	218	52,040	23,600
120	3,090	1,400	141	5,680	2,575	159	9,650	4,375	180	17,640	8,000	201	31,970	14,500	219	53,580	24,300

Inflation units

Inflation Pressure Units			
Kpa	Bar	Psi	kg/cm ²
100	1	15	1.0
150	1.5	22	1.5
200	2	29	2
250	2.5	36	2.6
300	3	44	3.1
350	3.5	51	3.6
400	4	58	4.1
450	4.5	65	4.6
500	5	73	5.1
550	5.5	80	5.6
600	6	87	6.1
650	6.5	94	6.6
700	7	102	7.1
750	7.5	109	7.7
800	8	116	8.2
850	8.5	123	8.7
900	9	131	9.2
950	9.5	138	9.7
1000	10	145	10.2
1050	10.5	152	10.7

Speed Index

Speed km/h	Speed index
5	A1
10	A2
15	A3
20	A4
25	A5
40	A8
50	B

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WHEEL EXCAVATORS

**TOUGH
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SOLIDEAL WL

HEAVY-DUTY FOR BEST PERFORMANCE

Lug to void ratio: 45-50%

PERFORMANCE	Puncture resistance	●●●●
	Driving comfort	●●●●
	Self cleanout	●●●●
	Sidewall protection	●●●●
	Rim protection	●●●●

Off-Road



Features

Benefits

Larger Casing	Superior longevity, stability and comfort
Deep Lug Depth	Enhanced durability and wear for long life
Advanced Rubber Compound	Improved cut and chip resistance with no delamination
Optimized Sidewall and Bead Construction	Increased machine stability for enhanced safety and comfort

TIRE SIZE	PR	TT / TBLs	TUBE	VALVE	FLAP	RIM SIZE		ACTUAL TIRE DIMENSIONS [mm] [32nd]						LOAD INDEX	SPEED SYMBOL	MAXIMUM TIRE LOAD [kg] [lb]					
						RECOMMENDED	ALTERNATIVE	O.D.	O.W.	O.T.D. [mm] [32nd]	M.D.S.	S.L.R.	R.C.			ALL SURFACES			IMPROVED SURFACES		
																STATIC	CREEP	0-8 km/h	10 km/h	25 km/h	45 km/h
8.25-20	14	TT	8.25/9.00-20	V03-02-14	8.25/9.00/ 10.00/12.00-20	6.50	7.00	1000	252	26	272	486	2985	148	A2	6105	5120	3645	3150	2600	2325
								13500	11300	8050	6950	5750	5150								
								9.00 bar		8.00 bar			7.50 bar								
								129 PSI		114 PSI			107 PSI								
9.00-20	14	TT	8.25/9.00-20	V03-02-14	8.25/9.00/ 10.00/12.00-20	7.00	6.50/7.50	1039	267	27	301	485	3101	153	A2	6990	5860	4170	3605	2975	2660
								15450	12950	9200	7950	6550	5850								
								8.50 bar		7.50 bar			7.00 bar								
								121 PSI		107 PSI			100 PSI								
10.00-20	16	TT	10.00/ 11.00-20	V03-02-14	8.25/9.00/ 10.00/12.00-20	7.50	7.00/8.00	1070	284	26	316	496	3226	158	A2	8215	6890	4900	4240	3500	3125
								18150	15200	10800	9350	7750	6900								
								8.50 bar		8.00 bar			7.50 bar								
								121 PSI		114 PSI			107 PSI								
11.00-20	16	TT	10.00/ 11.00-20	V03-02-14	8.25/9.00/ 10.00/12.00-20	8.00	8.50	1101	300	25	334	512	3376	160	A2	8700	7300	5200	4500	3700	3300
								19200	16100	11500	9950	8150	7300								
								8.50 bar		7.75 bar			7.00 bar								
								121 PSI		111 PSI			100 PSI								



WHEEL EXCAVATORS

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SOLIDEAL WEX

HIGH DURABILITY AND BALANCED PERFORMANCE

Lug to void ratio: 35-40 %

PERFORMANCE	Puncture resistance	•••
	Driving comfort	•••••
	Self cleanout	•••••
	Sidewall protection	•••
	Rim protection	•••••

Off-Road



Features

Benefits

Robust Carcass	Excellent puncture resistance and sidewall protection
Engineered Bead Design	Improved mounting and manoeuvrability
Deep Tread	Improved traction in off-road conditions and long tread life

TIRE SIZE	PR	TT / TBLs	TUBE	VALVE	FLAP	RIM SIZE		ACTUAL TIRE DIMENSIONS [mm] [inches]						LOAD INDEX	SPEED SYMBOL	MAXIMUM TIRE LOAD [kg] [lb]								
						RECOMMENDED	ALTERNATIVE	O.D.	O.W.	O.T.D. [mm] [32nd]	M.D.S.	S.L.R.	R.C.			ALL SURFACES			IMPROVED SURFACES					
																STATIC	CREEP	0-8 km/h	10 km/h	25 km/h	45 km/h			
9.00-20	14	TT	8.25/9.00-20	V03-02-14	8.25/9.00/ 10.00/12.00-20	7.00	6.50/7.50	1022	267	19.5	302	448	3090	153	A2	6990	5860	4170	3605	2975	2660			
								15450	12950	9200	7950	6550	5850			8.50 bar			7.50 bar		7.00 bar			
								121 PSI			107 PSI					100 PSI								
																7.5 bar			7.0 bar		6.0 bar			
10.00-20	14	TT	10.00/ 11.00-20	V03-02-14	8.25/9.00/ 10.00/12.00-20	7.50	7.00/8.00	1064	281	21	325	461	3208	155	A2	7455	6255	4450	3850	3175	2840			
								16450	13800	9800	8500	7000	6250			7.5 bar			7.0 bar		6.0 bar			
								107 PSI			100 PSI					87 PSI								
																7.5 bar			7.0 bar		6.0 bar			
10.00-20	16	TT	10.00/ 11.00-20	V03-02-14	8.25/9.00/ 10.00/12.00-20	7.50	7.00/8.00	1064	281	21	325	461	3208	158	A2	8215	6890	4900	4240	3500	3125			
								18150	15200	10800	9350	7750	6900			8.50 bar			8.00 bar		7.50 bar			
								121 PSI			114 PSI					107 PSI								
																8.50 bar			8.00 bar		7.50 bar			

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Find out more at Camoplastsolideal.com
or contact your authorized distributor

www.camoplastsolideal.com

Authorized Distributor



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