

WE START

WHERE

THE ROAD

ENDS

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THE ROAD

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DATASHEET | MATERIAL HANDLING
SOLID RESILIENT TIRES

METRIC DATA

SOLID RESILIENT TIRES

TECHNICAL DATA

TIRE SIZE	RIM SIZE †	PRODUCT NAME	TREAD PATTERN	HEEL		RUBBER COMPOUND		ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (kg) ²					
				Normal	Quick	Black	Non marking	Overall diameter (mm)	Overall width (mm)	Wearable height (mm)	Counterbalanced lift trucks up to 25 km/h		Other vehicles ³			Static 0 km/h
											Load wheel	Steering wheel	Up to 6 km/h	Up to 10 km/h	Up to 25 km/h	
4"																
3.00 - 4	2.10-4	SOLIDEAL RES 550	RES 550	■		■		251	84	23	255	195	255	230	195	295
3.00 - 4	2.50C-4	SOLIDEAL RES 550	RES 550	■		■		251	84	23	255	195	255	230	195	295
4.00 - 4	2.10-4	SOLIDEAL RES 550	RES 550	■				307	96	36	535	410	535	485	410	620
4.00 - 4	2.10-4	SOLIDEAL MIL	MIL	■				305	98	32	535	410	535	485	410	620
4.00 - 4	2.50C-4	SOLIDEAL RES 550	RES 550	■		■		307	96	36	535	410	535	485	410	620
4.00 - 4	2.50C-4	SOLIDEAL MIL	MIL	■		■		305	98	32	535	410	535	485	410	620
5"																
3.50 - 5	3.00SP-5	SOLIDEAL LUG	LUG	■		■		298	101	32	520	400	520	470	400	605
6"																
140 / 55 - 6	4.50E-6	SOLIDEAL RIB	RIB	■				310	140	25	1075	825	1075	975	825	1245
8"																
100 / 50 - 8 (2.00-8)	3.00D-8	SOLIDEAL SM	SM	■		■		302	102	22	710	545	710	645	545	825
100 / 80 - 8	2.50C-8	SOLIDEAL SM	SM	■				359	104	22	755	580	755	685	580	875
4.00 - 8	2.50C-8	SOLIDEAL RIB	RIB	■				406	101	25	950	730	950	860	730	1100
4.00 - 8	3.00D-8	SOLIDEAL RES 550	RES 550	■	■	■	■	410	102	34	950	730	950	860	730	1100
4.00 - 8	3.00D-8	SOLIDEAL HT	HT	■				406	103	35	950	730	950	860	730	1100
4.00 - 8	3.00D-8	SOLIDEAL RIB	RIB	■		■		406	102	25	950	730	950	860	730	1100
4.00 - 8	3.75-8	SOLIDEAL RIB	RIB	■		■		407	121	37	1010	775	1010	915	775	1170
5.00 - 8	3.00D-8	SOLIDEAL RES 660	RES 660	■	■	■	■	454	118	39	1415	1090	1415	1285	1090	1645
5.00 - 8	3.00D-8	SOLIDEAL RES 550	RES 550	■	■	■	■	453	117	39	1415	1090	1415	1285	1090	1645
5.00 - 8	3.00D-8	SOLIDEAL RES 330	RES 330	■	■			450	115	41	1415	1090	1415	1285	1090	1645
5.00 - 8	3.00D-8	SOLIDEAL SOLIDAIR LT	MAG2	■	■			452	120	37	1415	1090	1415	1285	1090	1645
5.00 - 8	3.00D-8	SOLIDEAL SM	SM	■				453	114	39	1415	1090	1415	1285	1090	1645
5.00 - 8	3.50D-8	SOLIDEAL RES 550	RES 550	■		■		450	122	39	1415	1090	1415	1285	1090	1645
5.00 - 8	3.75-8	SOLIDEAL RIB	RIB	■		■		451	135	41	1500	1155	1500	1365	1155	1745
15 x 4 1/2 - 8 (125/75-8)	3.00D-8	SOLIDEAL RES 660	RES 660	■	■	■	■	379	113	27	1040	800	1040	945	800	1210
15 x 4 1/2 - 8 (125/75-8)	3.00D-8	SOLIDEAL RES 550	RES 550	■	■	■	■	377	113	26	1040	800	1040	945	800	1210
15 x 4 1/2 - 8 (125/75-8)	3.00D-8	SOLIDEAL RES 330	RES 330	■	■			370	116	28	1040	800	1040	945	800	1210
15 x 4 1/2 - 8 (125/75-8)	3.00D-8	SOLIDEAL SOLIDAIR LT	MAG2	■	■			378	113	25	1040	800	1040	945	800	1210
15 x 4 1/2 - 8 (125/75-8)	3.00D-8	SOLIDEAL RIB	RIB	■	■		■	377	116	29	1040	800	1040	945	800	1210
15 x 4 1/2 - 8 (125/75-8)	3.00D-8	SOLIDEAL SM	SM				■	377	116	29	1040	800	1040	945	800	1210

Blue sections represent hub size

SOLID RESILIENT TIRES

TECHNICAL DATA

TIRE SIZE	RIM SIZE †	PRODUCT NAME	TREAD PATTERN	HEEL		RUBBER COMPOUND		ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (kg) ²					
				Normal	Quick	Black	Non marking	Overall diameter (mm)	Overall width (mm)	Wearable height (mm)	Counterbalanced lift trucks up to 25 km/h		Other vehicles ³			Static 0 km/h
											Load wheel	Steering wheel	Up to 6 km/h	Up to 10 km/h	Up to 25 km/h	
15 x 4 1/2 - 8 (125/75-8)	3.25I-8	SOLIDEAL RES 550	RES 550	■		■		376	114	26	1040	800	1040	945	800	1210
16 x 6 - 8 (150/75-8)	4.33R-8	SOLIDEAL RES 660	RES 660	■	■	■	■	411	152	33	1495	1150	1495	1360	1150	1735
16 x 6 - 8 (150/75-8)	4.33R-8	SOLIDEAL RES 550	RES 550	■	■	■	■	412	151	32	1495	1150	1495	1360	1150	1735
16 x 6 - 8 (150/75-8)	4.33R-8	SOLIDEAL RES 330	RES 330	■	■			409	146	34	1495	1150	1495	1360	1150	1735
16 x 6 - 8 (150/75-8)	4.33R-8	SOLIDEAL SOLIDAIR LT	MAG2	■	■			410	149	28	1495	1150	1495	1360	1150	1735
16 x 6 - 8 (150/75-8)	4.33R-8	SOLIDEAL SM	SM				■	406	153	29	1495	1150	1495	1360	1150	1735
18 x 7 - 8 (180/70-8)	4.33R-8	SOLIDEAL RES 660	RES 660	■	■	■	■	453	152	44	2145	1650	2145	1945	1650	2490
18 x 7 - 8 (180/70-8)	4.33R-8	SOLIDEAL RES 550	RES 550	■	■	■	■	452	152	46	2145	1650	2145	1945	1650	2490
18 x 7 - 8 (180/70-8)	4.33R-8	SOLIDEAL RES 330	RES 330	■	■			445	148	40	2145	1650	2145	1945	1650	2490
18 x 7 - 8 (180/70-8)	4.33R-8	SOLIDEAL SM	SM	■	■		■	450	155	42	2145	1650	2145	1945	1650	2490
18 x 7 - 8 (180/70-8)	4.33R-8	SOLIDEAL SOLIDAIR LT	MAG2	■	■			453	154	38	2145	1650	2145	1945	1650	2490
18 x 9 - 8	7.00E-8	SOLIDEAL RES 550	RES 550	■				454	212	46	2535	1950	2535	2300	1950	2945
9"																
140 / 55 - 9	4.00E-9	SOLIDEAL RES 660	RES 660		■		■	377	130	28	1170	900	1170	1060	900	1360
140 / 55 - 9	4.00E-9	SOLIDEAL RES 550	RES 550		■		■	379	130	28	1170	900	1170	1060	900	1360
140 / 55 - 9	4.00E-9	SOLIDEAL RES 330	RES 330		■			-	-	-	1170	900	1170	1060	900	1360
140 / 55 - 9	4.00E-9	SOLIDEAL SOLIDAIR LT	MAG2		■			377	129	24	1170	900	1170	1060	900	1360
140 / 55 - 9	4.00E-9	SOLIDEAL RIB	RIB		■		■	379	130	28	1170	900	1170	1060	900	1360
16 x 5 - 9	3.50D-9	SOLIDEAL RIB	RIB	■				410	126	23	1050	810	1050	950	810	1225
6.00 - 9	4.00E-9	SOLIDEAL RES 660	RES 660	■	■	■	■	523	135	52	1885	1450	1885	1710	1450	2190
6.00 - 9	4.00E-9	SOLIDEAL RES 550	RES 550	■	■	■	■	525	134	52	1885	1450	1885	1710	1450	2190
6.00 - 9	4.00E-9	SOLIDEAL RIB	RIB	■				517	134	48	1885	1450	1885	1710	1450	2190
6.00 - 9	4.00E-9	SOLIDEAL SM	SM	■				517	134	48	1885	1450	1885	1710	1450	2190
6.00 - 9	4.00E-9	SOLIDEAL RES 330	RES 330	■	■			519	136	48	1885	1450	1885	1710	1450	2190
6.00 - 9	4.00E-9	SOLIDEAL SOLIDAIR LT	MAG2	■	■			524	137	45	1885	1450	1885	1710	1450	2190
6.00 - 9	4.00E-9	SOLIDEAL SOLIDAIR ZZRIB	ZZRIB		■			520	135	42	1885	1450	1885	1710	1450	2190
21 x 8 - 9 (200/75-9)	6.00E-9	SOLIDEAL RES 660	RES 660	■	■	■	■	518	183	49	2755	2120	2755	2500	2120	3200
21 x 8 - 9 (200/75-9)	6.00E-9	SOLIDEAL RES 550	RES 550	■	■	■	■	519	183	48	2755	2120	2755	2500	2120	3200
21 x 8 - 9 (200/75-9)	6.00E-9	SOLIDEAL RES 330	RES 330	■	■			515	181	48	2755	2120	2755	2500	2120	3200
10"																
180 / 60 - 10	5.00F-10	SOLIDEAL RES 660	RES 660		■		■	452	160	33	2410	1850	2410	2180	1850	2795
180 / 60 - 10	5.00F-10	SOLIDEAL RIB	RIB		■			454	160	33	2410	1850	2410	2180	1850	2795

Blue sections represent hub size

SOLID RESILIENT TIRES

TECHNICAL DATA

TIRE SIZE	RIM SIZE ¹	PRODUCT NAME	TREAD PATTERN	HEEL		RUBBER COMPOUND		ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (kg) ²					
				Normal	Quick	Black	Non marking	Overall diameter (mm)	Overall width (mm)	Wearable height (mm)	Counterbalanced lift trucks up to 25 km/h		Other vehicles ³			Static 0 km/h
											Load wheel	Steering wheel	Up to 6 km/h	Up to 10 km/h	Up to 25 km/h	
200 / 50 - 10	6.50F-10	SOLIDEAL RES 660	RES 660	■	■	■	■	457	193	34	2470	1900	2470	2240	1900	2870
200 / 50 - 10	6.50F-10	SOLIDEAL RES 550	RES 550	■	■	■	■	456	193	31	2470	1900	2470	2240	1900	2870
200 / 50 - 10	6.50F-10	SOLIDEAL RES 552	RES 552 SEMI		■		■	461	191	35	2470	1900	2470	2240	1900	2870
200 / 50 - 10	6.50F-10	SOLIDEAL RES 330	RES 330	■	■			450	193	33	2470	1900	2470	2240	1900	2870
200 / 50 - 10	6.50F-10	SOLIDEAL SOLIDAIR LT	MAG2		■			454	192	29	2470	1900	2470	2240	1900	2870
200 / 50 - 10	6.50F-10	SOLIDEAL RIB	RIB		■		■	457	198	32	2470	1900	2470	2240	1900	2870
21 x 7 - 10 (180/80-10)	5.00F-10	SOLIDEAL SM	SM		■			524	162	55	2210	1700	2210	2005	1700	2565
6.50 - 10	5.00F-10	SOLIDEAL RES 660	RES 660	■	■	■	■	568	157	55	2340	1800	2340	2125	1800	2720
6.50 - 10	5.00F-10	SOLIDEAL RES 550	RES 550	■	■	■	■	566	157	55	2340	1800	2340	2125	1800	2720
6.50 - 10	5.00F-10	SOLIDEAL RES 330	RES 330	■	■			566	153	52	2340	1800	2340	2125	1800	2720
6.50 - 10	5.00F-10	SOLIDEAL SM	SM	■			■	566	158	52	2340	1800	2340	2125	1800	2720
6.50 - 10	5.50F-10	SOLIDEAL RES 550	RES 550	■				566	158	55	2340	1800	2340	2125	1800	2720
6.50 - 10	5.50F-10	SOLIDEAL SOLIDAIR LT	MAG2	■	■			570	158	51	2340	1800	2340	2125	1800	2720
6.50 - 10	5.50F-10	SOLIDEAL SOLIDAIR ZZRIB	ZZRIB		■			570	158	51	2340	1800	2340	2125	1800	2720
23 x 9 - 10 (225/75-10)	6.50F-10	SOLIDEAL RES 660	RES 660	■	■	■	■	584	199	52	3445	2650	3445	3125	2650	4000
23 x 9 - 10 (225/75-10)	6.50F-10	SOLIDEAL RES 550	RES 550	■	■	■	■	584	200	52	3445	2650	3445	3125	2650	4000
23 x 9 - 10 (225/75-10)	6.50F-10	SOLIDEAL RES 330	RES 330	■	■			573	200	53	3445	2650	3445	3125	2650	4000
23 x 9 - 10 (225/75-10)	6.50F-10	SOLIDEAL SOLIDAIR LT	MAG2	■	■			583	202	50	3445	2650	3445	3125	2650	4000
7.50 - 10	5.00F-10	SOLIDEAL RES 550	RES 550	■				631	180	68	3070	2360	3070	2785	2360	3565
7.50 - 10	5.50F-10	SOLIDEAL RES 550	RES 550	■	■			631	184	68	3070	2360	3070	2785	2360	3565
12"																
23 x 10 - 12 (250/60-12)	8.00G-12	SOLIDEAL RES 660	RES 660	■	■	■	■	586	234	45	3770	2900	3770	3420	2900	4380
23 x 10 - 12 (250/60-12)	8.00G-12	SOLIDEAL RES 550	RES 550	■	■	■	■	584	230	44	3770	2900	3770	3420	2900	4380
23 x 10 - 12 (250/60-12)	8.00G-12	SOLIDEAL RES 330	RES 330	■	■			577	234	45	3770	2900	3770	3420	2900	4380
23 x 12 - 12 (315/45-12)	10.00G-12	SOLIDEAL RES 660	RES 660	■	■		■	584	281	43	4485	3450	4485	4070	3450	5210
23 x 12 - 12 (315/45-12)	10.00G-12	SOLIDEAL RES 552	RES 552 SEMI		■		■	586	234	50	4485	3450	4485	4070	3450	5210
27 x 10 - 12 (250/75-12)	8.00G-12	SOLIDEAL RES 660	RES 660	■	■		■	680	242	63	3900	3000	3900	3540	3000	4530
27 x 10 - 12 (250/75-12)	8.00G-12	SOLIDEAL RES 550	RES 550	■	■		■	680	242	63	3900	3000	3900	3540	3000	4530
27 x 10 - 12 (250/75-12)	8.00G-12	SOLIDEAL RES 330	RES 330	■	■			664	248	60	3900	3000	3900	3540	3000	4530
27 x 10 - 12 (250/75-12)	8.00G-12	SOLIDEAL SOLIDAIR LT	MAG2	■	■			674	243	59	3900	3000	3900	3540	3000	4530

Blue sections represent hub size

SOLID RESILIENT TIRES

TECHNICAL DATA

TIRE SIZE	RIM SIZE †	PRODUCT NAME	TREAD PATTERN	HEEL		RUBBER COMPOUND		ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (kg) ²					
				Normal	Quick	Black	Non marking	Overall diameter (mm)	Overall width (mm)	Wearable height (mm)	Counterbalanced lift trucks up to 25 km/h		Other vehicles ³			Static 0 km/h
											Load wheel	Steering wheel	Up to 6 km/h	Up to 10 km/h	Up to 25 km/h	
7.00 - 12	5.00S-12	SOLIDEAL RES 660	RES 660	■	■	■	■	653	166	60	2920	2240	2920	2645	2240	3380
7.00 - 12	5.00S-12	SOLIDEAL RES 550	RES 550	■	■	■	■	652	166	60	2920	2240	2920	2645	2240	3380
7.00 - 12	5.00S-12	SOLIDEAL RES 330	RES 330	■	■			645	165	56	2920	2240	2920	2645	2240	3380
7.00 - 12	5.00S-12	SOLIDEAL SM	SM	■		■	■	654	161	57	2920	2240	2920	2645	2240	3380
7.00 - 12	5.00S-12	SOLIDEAL SOLIDAIR LT	MAG2	■	■			652	165	54	2920	2240	2920	2645	2240	3380
7.00 - 12	5.00S-12	SOLIDEAL SOLIDAIR ZZRIB	ZZRIB		■			652	163	52	2920	2240	2920	2645	2240	3380
7.00 - 12	6.50-12	SOLIDEAL RES 552	RES 552 SEMI	■				652	172	61	2920	2240	2920	2645	2240	3380
8.25 - 12	5.00S-12	SOLIDEAL RES 550	RES 550	■				723	187	65	3440	2645	3440	3120	2645	3995
13"																
150 / 100 - 13 (23x5)	3.75P-13	SOLIDEAL RES 550	RES 550	■	■	■		621	146	46	1495	1150	1495	1350	1150	1735
15"																
28 x 9 - 15 (8.15-15 & 225/75-15)	6.50-15	SOLIDEAL RES 550	RES 550	■				687	214	54	3900	3000	3900	3540	3000	4530
28 x 9 - 15 (8.15-15 & 225/75-15)	7.00-15	SOLIDEAL RES 660	RES 660	■	■	■	■	688	214	53	3900	3000	3900	3540	3000	4530
28 x 9 - 15 (8.15-15 & 225/75-15)	7.00-15	SOLIDEAL RES 550	RES 550	■	■	■	■	688	213	54	3900	3000	3900	3540	3000	4530
28 x 9 - 15 (8.15-15 & 225/75-15)	7.00-15	SOLIDEAL RES 330	RES 330	■	■			681	211	49	3900	3000	3900	3540	3000	4530
28 x 9 - 15 (8.15-15 & 225/75-15)	7.00-15	SOLIDEAL SOLIDAIR LT	MAG2	■	■			688	216	50	3900	3000	3900	3540	3000	4530
355 / 45 - 15 (28x12.5-15)	9.75-15	SOLIDEAL RES 660	RES 660	■	■	■	■	690	286	53	5690	4375	5690	5165	4375	6605
355 / 45 - 15 (28x12.5-15)	9.75-15	SOLIDEAL RES 330	RES 330	■	■			675	292	48	5690	4375	5690	5165	4375	6605
355 / 50 - 15	9.75-15	SOLIDEAL RES 660	RES 660	■	■		■	712	295	52	5690	4375	5690	5165	4375	6605
355 / 50 - 15	9.75-15	SOLIDEAL RES 550	RES 550	■	■	■	■	712	295	52	5690	4375	5690	5165	4375	6605
355 / 65 - 15 (32x12.1-15)	9.75-15	SOLIDEAL RES 660	RES 660	■	■		■	819	312	75	7800	6000	7000	6430	5450	9060
355 / 65 - 15 (32x12.1-15)	9.75-15	SOLIDEAL RES 550	RES 550	■	■	■	■	819	312	75	7800	6000	7000	6430	5450	9060
355 / 65 - 15 (32x12.1-15)	9.75-15	SOLIDEAL RES 330	RES 330	■	■			811	310	70	7800	6000	7000	6430	5450	9060

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				Normal	Quick	Black	Non marking	Overall diameter (mm)	Overall width (mm)	Wearable height (mm)	Counterbalanced lift trucks up to 25 km/h		Other vehicles ³			Static 0 km/h
											Load wheel	Steering wheel	Up to 6 km/h	Up to 10 km/h	Up to 25 km/h	
250 - 15 (250/70-15)	7.00-15	SOLIDEAL RES 660	RES 660	■	■	■	■	719	221	60	4745	3650	4745	4310	3650	5510
250 - 15 (250/70-15)	7.00-15	SOLIDEAL RES 550	RES 550	■	■	■	■	718	220	60	4745	3650	4745	4310	3650	5510
250 - 15 (250/70-15)	7.00-15	SOLIDEAL RES 330	RES 330	■	■			707	212	53	4745	3650	4745	4310	3650	5510
250 - 15 (250/70-15)	7.00-15	SOLIDEAL SOLIDAIR LT	MAG2	■	■			719	219	57	4745	3650	4745	4310	3650	5510
250 - 15 (250/70-15)	7.50-15	SOLIDEAL RES 660	RES 660	■	■	■	■	719	225	62	4745	3650	4745	4310	3650	5510
250 - 15 (250/70-15)	7.50-15	SOLIDEAL RES 550	RES 550	■	■	■	■	716	225	60	4745	3650	4745	4310	3650	5510
250 - 15 (250/70-15)	7.50-15	SOLIDEAL RES 330	RES 330	■				707	212	53	4745	3650	4745	4310	3650	5510
250 - 15 (250/70-15)	7.50-15	SOLIDEAL SOLIDAIR LT	MAG2		■			719	219	57	4745	3650	4745	4310	3650	5510
300 - 15 (315/70-15)	8.00-15	SOLIDEAL RES 660	RES 660	■	■	■	■	815	257	75	5850	4500	5850	5310	4500	6795
300 - 15 (315/70-15)	8.00-15	SOLIDEAL RES 550	RES 550	■	■	■	■	814	252	75	5850	4500	5850	5310	4500	6795
300 - 15 (315/70-15)	8.00-15	SOLIDEAL RES 330	RES 330	■	■			808	250	70	5850	4500	5850	5310	4500	6795
300 - 15 (315/70-15)	8.00-15	SOLIDEAL SM	SM		■		■	809	258	69	5850	4500	5850	5310	4500	6795
300 - 15 (315/70-15)	8.00-15	SOLIDEAL SOLIDAIR LT	MAG2	■	■			816	253	64	5850	4500	5850	5310	4500	6795
310 - 15 EW	8.00V-15	SOLIDEAL RES 550	RES 550	■		■		819	312	75	6175	4750	6175	5605	4750	7175
5.50 - 15	4.50E-15SDC	SOLIDEAL RES 550	RES 550	■				661	152	55	2430	1870	2430	2205	1870	2825
6.00 - 15	4.50E-15SDC	SOLIDEAL RES 550	RES 550	■				698	160	44	3160	2430	3160	2865	2430	3670
7.00 - 15	5.50-15	SOLIDEAL RES 660	RES 660	■	■	■	■	729	179	60	3545	2725	3545	3215	2725	4115
7.00 - 15	5.50-15	SOLIDEAL RES 550	RES 550	■	■	■	■	724	176	58	3545	2725	3545	3215	2725	4115
7.00 - 15	5.50-15	SOLIDEAL RES 330	RES 330	■	■			721	185	55	3545	2725	3545	3215	2725	4115
7.00 - 15	5.50-15	SOLIDEAL SOLIDAIR ZZRIB	ZZRIB		■			723	175	57	3545	2725	3545	3215	2725	4115
7.00 - 15	6.00-15	SOLIDEAL RES 660	RES 660	■		■		729	179	60	3545	2725	3545	3215	2725	4115
7.00 - 15	6.00-15	SOLIDEAL RES 550	RES 550	■				729	179	60	3545	2725	3545	3215	2725	4115
7.50 - 15	5.50-15	SOLIDEAL RES 660	RES 660	■				752	199	62	3900	3000	3900	3540	3000	4530
7.50 - 15	5.50-15	SOLIDEAL RES 550	RES 550	■	■			752	199	62	3900	3000	3900	3540	3000	4530
7.50 - 15	6.00-15	SOLIDEAL RES 660	RES 660	■				752	199	62	3900	3000	3900	3540	3000	4530
7.50 - 15	6.00-15	SOLIDEAL RES 550	RES 550	■				752	199	62	3900	3000	3900	3540	3000	4530
7.50 - 15	6.50-15	SOLIDEAL RES 660	RES 660	■	■	■	■	752	199	62	3900	3000	3900	3540	3000	4530
7.50 - 15	6.50-15	SOLIDEAL RES 550	RES 550	■	■			752	199	62	3900	3000	3900	3540	3000	4530
7.50 - 15	6.50-15	SOLIDEAL RES 330	RES 330	■	■			743	203	59	3900	3000	3900	3540	3000	4530

Blue sections represent hub size

SOLID RESILIENT TIRES

TECHNICAL DATA

TIRE SIZE	RIM SIZE †	PRODUCT NAME	TREAD PATTERN	HEEL		RUBBER COMPOUND		ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (kg) ²					
				Normal	Quick	Black	Non marking	Overall diameter (mm)	Overall width (mm)	Wearable height (mm)	Counterbalanced lift trucks up to 25 km/h		Other vehicles ³			Static 0 km/h
											Load wheel	Steering wheel	Up to 6 km/h	Up to 10 km/h	Up to 25 km/h	
8.25 - 15	5.50-15	SOLIDEAL RES 660	RES 660	■	■			813	212	72	4615	3550	4615	4190	3550	5360
8.25 - 15	5.50-15	SOLIDEAL RES 550	RES 550	■	■			811	208	72	4615	3550	4615	4190	3550	5360
8.25 - 15	6.50-15	SOLIDEAL RES 660	RES 660	■	■	■	■	813	212	72	4750	3650	4750	4300	3650	5510
8.25 - 15	6.50-15	SOLIDEAL RES 550	RES 550	■	■	■	■	812	208	72	4750	3650	4750	4300	3650	5510
8.25 - 15	6.50-15	SOLIDEAL RES 330	RES 330	■	■			804	203	69	4750	3650	4750	4300	3650	5510
8.25 - 15	6.50-15	SOLIDEAL SM	SM	■	■			810	203	73	4750	3650	4750	4300	3650	5510
8.25 - 15	6.50-15	SOLIDEAL SOLIDAIR LT	MAG2	■	■			812	210	67	4750	3650	4750	4300	3650	5510
400 / 60 - 15	11.00 - 15	SOLIDEAL RES 660	RES 660	■	■			820	323	68	8970	6900	8970	8140	6900	10420
16"																
6.50 - 16	5.50-16	SOLIDEAL HT	HT	■				743	194	60	2600	2000	2600	2360	2000	3020
6.50 - 16	5.50-16	SOLIDEAL SM	SM	■				743	194	60	2600	2000	2600	2360	2000	3020
7.50 - 16	5.50-16	SOLIDEAL HT	HT	■				794	210	76	3965	3050	3965	3600	3050	4605
7.50 - 16	6.00-16	SOLIDEAL RES 550	RES 550	■				794	210	70	3965	3050	3965	3600	3050	4605
7.50 - 16	6.00-16	SOLIDEAL HT	HT	■		■		794	210	76	3965	3050	3965	3600	3050	4605
20"																
355 / 50 - 20	10.00-20	SOLIDEAL RES 660	RES 660	■	■	■	■	831	312	48	8970	6900	8970	8140	6900	10420
7.50 - 20	6.50-20	SOLIDEAL HT	HT	■				882	210	53	3900	3250	3900	3545	3250	4910
8.25 - 20	6.50-20	SOLIDEAL HT	HT	■				968	207	73	4380	3650	4380	3980	3650	5510
8.25 - 20	7.00-20	SOLIDEAL HT	HT	■				968	220	73	4380	3650	4380	3980	3650	5510
9.00 - 20	6.50-20	SOLIDEAL HT	HT	■				974	224	73	5400	4500	5400	4905	4500	6795
9.00 - 20	7.00-20	SOLIDEAL RES 660	RES 660	■				997	229	76	5400	4500	5400	4905	4500	6795
9.00 - 20	7.00-20	SOLIDEAL RES 550	RES 550	■		■		994	228	75	5400	4500	5400	4905	4500	6795
9.00 - 20	7.00-20	SOLIDEAL HT	HT	■				974	224	73	5400	4500	5400	4905	4500	6795
9.00 - 20	7.50-20	SOLIDEAL HT	HT	■				974	224	73	5400	4500	5400	4905	4500	6795

Blue sections represent hub size

SOLID RESILIENT TIRES

TECHNICAL DATA

TIRE SIZE	RIM SIZE †	PRODUCT NAME	TREAD PATTERN	HEEL		RUBBER COMPOUND		ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (kg) ²					
				Normal	Quick	Black	Non marking	Overall diameter (mm)	Overall width (mm)	Wearable height (mm)	Counterbalanced lift trucks up to 25 km/h		Other vehicles ³			Static 0 km/h
											Load wheel	Steering wheel	Up to 6 km/h	Up to 10 km/h	Up to 25 km/h	
10.00 - 20	6.50-20	SOLIDEAL RES 550	RES 550	■				1035	255	82	5850	4875	5850	5315	4875	7360
10.00 - 20	7.00-20	SOLIDEAL RES 660	RES 660	■				1035	255	82	6000	5000	6000	5450	5000	7550
10.00 - 20	7.00-20	SOLIDEAL RES 550	RES 550	■				1035	255	82	6000	5000	6000	5450	5000	7550
10.00 - 20	7.00-20	SOLIDEAL HT	HT	■				1007	248	78	6000	5000	6000	5450	5000	7550
10.00 - 20	7.50-20	SOLIDEAL RES 660	RES 660	■	■			1035	255	82	6000	5000	6000	5450	5000	7550
10.00 - 20	7.50-20	SOLIDEAL RES 550	RES 550	■		■		1035	255	82	6000	5000	6000	5450	5000	7550
10.00 - 20	7.50-20	SOLIDEAL RES 330	RES 330	■				1010	254	82	6000	5000	6000	5450	5000	7550
10.00 - 20	7.50-20	SOLIDEAL HT	HT	■	■			1007	248	78	6000	5000	6000	5450	5000	7550
10.00 - 20	7.50-20	SOLIDEAL SM	SM	■	■			1011	245	505	6000	5000	6000	5450	5000	7550
10.00 - 20	8.00-20	SOLIDEAL RES 660	RES 660	■				1035	255	82	6000	5000	6000	5450	5000	7550
10.00 - 20	8.00-20	SOLIDEAL RES 550	RES 550	■		■		1035	252	82	6000	5000	6000	5450	5000	7550
10.00 - 20	8.00-20	SOLIDEAL RES 330	RES 330	■				1010	254	82	6000	5000	6000	5450	5000	7550
10.00 - 20	8.00-20	SOLIDEAL HT	HT	■				1007	248	78	6000	5000	6000	5450	5000	7550
10.00 - 20	8.00-20	SOLIDEAL SM	SM	■				1015	248	81	6000	5000	6000	5450	5000	7550
11.00 - 20	7.50-20	SOLIDEAL RES 550	RES 550	■				1060	256	96	6540	5450	6540	5940	5450	8230
11.00 - 20	8.00-20	SOLIDEAL RES 550	RES 550	■		■		1060	256	96	6540	5450	6540	5940	5450	8230
12.00 - 20	8.00-20	SOLIDEAL RES 660	RES 660	■				1090	283	88	7560	6300	7560	6865	6300	9515
12.00 - 20	8.00-20	SOLIDEAL RES 550	RES 550	■		■		1090	283	88	7560	6300	7560	6865	6300	9515
12.00 - 20	8.00-20	SOLIDEAL HT	HT	■		■		1088	259	84	7560	6300	7560	6865	6300	9515
12.00 - 20	8.00-20	SOLIDEAL SM	SM	■		■		1088	265	84	7560	6300	7560	6865	6300	9515
12.00 - 20	8.50-20	SOLIDEAL RES 660	RES 660	■				1090	283	88	7560	6300	7560	6865	6300	9515
12.00 - 20	8.50-20	SOLIDEAL RES 550	RES 550	■		■		1090	283	88	7560	6300	7560	6865	6300	9515
12.00 - 20	8.50-20	SOLIDEAL HT	HT	■				1094	259	84	7560	6300	7560	6865	6300	9515
12.00 - 20	10.00-20	SOLIDEAL RES 660	RES 660	■				1088	332	82	7800	6500	7800	7085	6500	9815
12.00 - 20	10.00-20	SOLIDEAL RES 552	RES 552 SEMI	■		■		1090	334	88	7800	6500	7800	7085	6500	9815
12.00 - 20	10.00-20	SOLIDEAL SM	SM	■		■		1088	316	88	7800	6500	7800	7085	6500	9815
12.00 - 20 EW	10.00-20	SOLIDEAL RES 660	RES 660	■				1188	343	91	7800	6500	7800	7085	6500	9815
465 / 55 - 20	16.00-20	SOLIDEAL RES 660	RES 660	■				1022	462	77	10800	9000	10800	9810	9000	13590

Blue sections represent hub size

SOLID RESILIENT TIRES

TECHNICAL DATA

TIRE SIZE	RIM SIZE †	PRODUCT NAME	TREAD PATTERN	HEEL		RUBBER COMPOUND		ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (kg) ²					
				Normal	Quick	Black	Non marking	Overall diameter (mm)	Overall width (mm)	Wearable height (mm)	Counterbalanced lift trucks up to 25 km/h		Other vehicles ³			Static 0 km/h
											Load wheel	Steering wheel	Up to 6 km/h	Up to 10 km/h	Up to 25 km/h	
24"																
12.00 - 24	8.00TG-24	SOLIDEAL HT	HT	■				1178	278	99	8040	6700	8040	7305	6700	10115
12.00 - 24	8.50-24	SOLIDEAL RES 660	RES 660	■				1185	282	100	8040	6700	8040	7305	6700	10115
12.00 - 24	8.50-24IRA	SOLIDEAL HT	HT	■				1178	278	99	8040	6700	8040	7305	6700	10115
12.00 - 24	10.00-24IRA	SOLIDEAL SM	SM	■				1216	326	96	9000	7500	8500	7750	7100	11325
14.00 - 24	10.00-24IRA	SOLIDEAL RES 550	RES 550	■		■		1320	333	108	11100	9250	11100	10085	9250	13590
14.00 - 24	10.00-24IRA	SOLIDEAL HT	HT	■				1320	333	112	11100	9250	11100	10085	9250	13970
25"																
14.00 - 25	11.25-25	SOLIDEAL MAGNUM SL	RES 550	■				1334	383	105	12480	10400	12480	11335	10400	15705
16.00 - 25	11.25-25	SOLIDEAL RES 550	RES 550	■				1445	416	125	15000	12500	15000	13625	12500	18875

Blue sections represent hub size

Remarks

- Check rim for size, especially on width, as this should correspond to tirebase marking. Check also max. load of rim with rim manufacturer, as wheel load will be restricted by lowest load capacity, either the one given by the rim or by the tire.
- The speeds quoted in the table are the maximum speeds of the unloaded vehicle. An increase in load capacity for lower speeds is not permitted. Loads apply to cyclic service applications. Cyclic service means applications where there is a variation in load and/or speed. For further details please consult the technical department.
Loads are valid for intermittent service only. Intermittent service means a minimum load variation of 2.5. Does not include the additional weight of the solid tire when converting from pneumatics.
- This category includes:
 - Drive and steer wheels on other than counterbalanced forklift trucks;
 - Mobile cranes;
 - Free-rolling wheels on other vehicles (trailers) up to a maximum distance of 2000 m per journey.
 For longer distances, fitted to wheels for rotary plants, for non intermittent service or for straddle carrier applications, please consult the technical department. For sideloaders applications, please consult the technical department.

This document contains technical data of all products globally. It is possible that certain items are not sold in your region.

Please contact your local sales representative to check tire availability in your region.

SOLID RESILIENT TIRES



RES XTREME NMAS



RES 660



RES 550



RES 330



RES 552 SEMI



HT



RIB



MIL



LUG



SM



SOLIDAIR LT



SOLIDAIR ZZRIB

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