



DATASHEET | MATERIAL HANDLING
SOLID RESILIENT TIRES

IMPERIAL DATA

SOLID RESILIENT TIRES

TECHNICAL DATA

TIRE SIZE	RIM SIZE ¹	PRODUCT NAME	TREAD PATTERN	HEEL		RUBBER COMPOUND		ACTUAL TIRE DIMENSIONS			LOAD-CAPACITY (lb) ²					Static 0 mph
				Normal	Quick	Black	Non marking	Overall diameter (in)	Overall width (in)	Wearable height (in)	Counterbalanced lift trucks up to 16 mph		Other vehicles ³			
													Up to 4 mph	Up to 6 mph	Up to 16 mph	
4"																
3.00 - 4	2.10-4	SOLIDEAL RES 550	RES 550	■		■	■	9.9	3.3	0.9	560	430	560	505	430	650
3.00 - 4	2.50C-4	SOLIDEAL RES 550	RES 550	■		■	■	9.9	3.3	0.9	560	430	560	505	430	650
4.00 - 4	2.10-4	SOLIDEAL RES 550	RES 550	■		■		12.1	3.8	1.4	1180	905	1180	1070	905	1365
4.00 - 4	2.10-4	SOLIDEAL MIL	MIL	■		■		12.0	3.9	1.3	1180	905	1180	1070	905	1365
4.00 - 4	2.50C-4	SOLIDEAL RES 550	RES 550	■		■	■	12.1	3.8	1.4	1180	905	1180	1070	905	1365
4.00 - 4	2.50C-4	SOLIDEAL MIL	MIL	■		■	■	12.0	3.9	1.3	1180	905	1180	1070	905	1365
5"																
3.50 - 5	3.00SP-5	SOLIDEAL LUG	LUG	■		■	■	11.7	4.0	1.2	1145	880	1145	1035	880	1335
6"																
140 / 55 - 6	4.50E-6	SOLIDEAL RIB	RIB	■		■		12.2	5.5	1.0	2370	1820	2370	2150	1820	2745
8"																
100 / 50 - 8 (2.00-8)	3.00D-8	SOLIDEAL SM	SM	■		■	■	11.9	4.0	0.9	1565	1200	1565	1420	1200	1820
100 / 80 - 8	2.50C-8	SOLIDEAL SM	SM	■		■		14.1	4.1	0.9	1665	1280	1665	1510	1280	1930
4.00 - 8	2.50C-8	SOLIDEAL RIB	RIB	■		■		16.0	4.0	1.0	2095	1610	2095	1895	1610	2425
4.00 - 8	3.00D-8	SOLIDEAL RES 550	RES 550	■	■	■	■	16.1	4.0	1.3	2095	1610	2095	1895	1610	2425
4.00 - 8	3.00D-8	SOLIDEAL HT	HT	■		■		16.0	4.1	1.4	2095	1610	2095	1895	1610	2425
4.00 - 8	3.00D-8	SOLIDEAL RIB	RIB	■		■	■	16.0	4.0	1.0	2095	1610	2095	1895	1610	2425
4.00 - 8	3.75-8	SOLIDEAL RIB	RIB	■		■	■	16.0	4.8	1.4	2225	1710	2225	2015	1710	2580
5.00 - 8	3.00D-8	SOLIDEAL RES 660	RES 660	■	■	■	■	17.9	4.6	1.5	3120	2405	3120	2835	2405	3625
5.00 - 8	3.00D-8	SOLIDEAL RES 550	RES 550	■	■	■	■	17.8	4.6	1.5	3120	2405	3120	2835	2405	3625
5.00 - 8	3.00D-8	SOLIDEAL RES 330	RES 330	■	■	■		17.7	4.5	1.6	3120	2405	3120	2835	2405	3625
5.00 - 8	3.00D-8	SOLIDEAL SOLIDAIR LT	MAG2	■	■	■		17.8	4.7	1.4	3120	2405	3120	2835	2405	3625
5.00 - 8	3.00D-8	SOLIDEAL SM	SM	■		■		17.8	4.5	1.5	3120	2405	3120	2835	2405	3625
5.00 - 8	3.50D-8	SOLIDEAL RES 550	RES 550	■		■	■	17.7	4.8	1.5	3120	2405	3120	2835	2405	3625
5.00 - 8	3.75-8	SOLIDEAL RIB	RIB	■		■	■	17.8	5.3	1.6	3305	2545	3305	3010	2545	3845
15 x 4 1/2 - 8 (125/75-8)	3.00D-8	SOLIDEAL RES 660	RES 660	■	■	■	■	14.9	4.4	1.1	2295	1765	2295	2085	1765	2670
15 x 4 1/2 - 8 (125/75-8)	3.00D-8	SOLIDEAL RES 550	RES 550	■	■	■	■	14.8	4.4	1.0	2295	1765	2295	2085	1765	2670
15 x 4 1/2 - 8 (125/75-8)	3.00D-8	SOLIDEAL RES 330	RES 330	■	■	■		14.6	4.6	1.1	2295	1765	2295	2085	1765	2670
15 x 4 1/2 - 8 (125/75-8)	3.00D-8	SOLIDEAL RIB	RIB	■	■	■	■	14.8	4.6	1.1	2295	1765	2295	2085	1765	2670
15 x 4 1/2 - 8 (125/75-8)	3.00D-8	SOLIDEAL SM	SM				■	14.8	4.6	1.1	2295	1765	2295	2085	1765	2670
15 x 4 1/2 - 8 (125/75-8)	3.25I-8	SOLIDEAL RES 550	RES 550	■		■	■	14.8	4.5	1.0	2295	1765	2295	2085	1765	2670

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 (lb) ²					Static 0 mph
				Normal	Quick	Black	Non marking	Overall diameter (in)	Overall width (in)	Wearable height (in)	Counterbalanced lift trucks up to 16 mph		Other vehicles ³			
											Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph	
16 x 6 - 8 (150/75-8)	4.33R-8	SOLIDEAL RES 660	RES 660	■	■	■	■	16.2	6.0	1.3	3295	2535	3295	3000	2535	3825
16 x 6 - 8 (150/75-8)	4.33R-8	SOLIDEAL RES 550	RES 550	■	■	■	■	16.2	5.9	1.3	3295	2535	3295	3000	2535	3825
16 x 6 - 8 (150/75-8)	4.33R-8	SOLIDEAL RES 330	RES 330	■	■	■		16.1	5.7	1.3	3295	2535	3295	3000	2535	3825
16 x 6 - 8 (150/75-8)	4.33R-8	SOLIDEAL SM	SM				■	16.0	6.0	1.1	3295	2535	3295	3000	2535	3825
18 x 7 - 8 (180/70-8)	4.33R-8	SOLIDEAL RES 660	RES 660	■	■	■	■	17.8	6.0	1.7	4730	3640	4730	4290	3640	5490
18 x 7 - 8 (180/70-8)	4.33R-8	SOLIDEAL RES 550	RES 550	■	■	■	■	17.8	6.0	1.8	4730	3640	4730	4290	3640	5490
18 x 7 - 8 (180/70-8)	4.33R-8	SOLIDEAL RES 330	RES 330	■	■	■		17.5	5.8	1.6	4730	3640	4730	4290	3640	5490
18 x 7 - 8 (180/70-8)	4.33R-8	SOLIDEAL SM	SM	■	■	■	■	17.7	6.1	1.7	4730	3640	4730	4290	3640	5490
18 x 7 - 8 (180/70-8)	4.33R-8	SOLIDEAL SOLIDAIR LT	MAG2	■	■	■		17.8	6.1	1.5	4730	3640	4730	4290	3640	5490
18 x 9 - 8	7.00E-8	SOLIDEAL RES 550	RES 550	■		■		17.9	8.3	1.8	5590	4300	5590	5070	4300	6495
9"																
140 / 55 - 9	4.00E-9	SOLIDEAL RES 660	RES 660		■	■	■	14.8	5.1	1.1	2580	1985	2580	2335	1985	3000
140 / 55 - 9	4.00E-9	SOLIDEAL RES 550	RES 550		■	■	■	14.9	5.1	1.1	2580	1985	2580	2335	1985	3000
140 / 55 - 9	4.00E-9	SOLIDEAL RES 330	RES 330		■	■		-	-	-	2580	1985	2580	2335	1985	3000
140 / 55 - 9	4.00E-9	SOLIDEAL RIB	RIB		■	■	■	14.9	5.1	1.1	2580	1985	2580	2335	1985	3000
16 x 5 - 9	3.50D-9	SOLIDEAL RIB	RIB	■		■		16.1	5.0	0.9	2315	1785	2315	2095	1785	2700
6.00 - 9	4.00E-9	SOLIDEAL RES 660	RES 660	■	■	■	■	20.6	5.3	2.0	4155	3195	4155	3770	3195	4830
6.00 - 9	4.00E-9	SOLIDEAL RES 550	RES 550	■	■	■	■	20.7	5.3	2.0	4155	3195	4155	3770	3195	4830
6.00 - 9	4.00E-9	SOLIDEAL RIB	RIB	■		■		20.4	5.3	1.9	4155	3195	4155	3770	3195	4830
6.00 - 9	4.00E-9	SOLIDEAL SM	SM	■		■		20.4	5.3	1.9	4155	3195	4155	3770	3195	4830
6.00 - 9	4.00E-9	SOLIDEAL RES 330	RES 330	■	■	■		20.4	5.4	1.9	4155	3195	4155	3770	3195	4830
6.00 - 9	4.00E-9	SOLIDEAL SOLIDAIR LT	MAG2	■	■	■		20.6	5.4	1.8	4155	3195	4155	3770	3195	4830
6.00 - 9	4.00E-9	SOLIDEAL SOLIDAIR ZZRIB	ZZRIB		■	■		20.5	5.3	1.7	4155	3195	4155	3770	3195	4830
21 x 8 - 9 (200/75-9)	6.00E-9	SOLIDEAL RES 660	RES 660	■	■	■	■	20.4	7.2	1.9	6075	4675	6075	5510	4675	7055
21 x 8 - 9 (200/75-9)	6.00E-9	SOLIDEAL RES 550	RES 550	■	■	■	■	20.4	7.2	1.9	6075	4675	6075	5510	4675	7055
21 x 8 - 9 (200/75-9)	6.00E-9	SOLIDEAL RES 330	RES 330	■	■	■		20.3	7.1	1.9	6075	4675	6075	5510	4675	7055
10"																
180 / 60 - 10	5.00F-10	SOLIDEAL RES 660	RES 660		■	■	■	17.8	6.3	1.3	5315	4080	5315	4805	4080	6160
180 / 60 - 10	5.00F-10	SOLIDEAL RIB	RIB		■	■		17.9	6.3	1.3	5315	4080	5315	4805	4080	6160
200 / 50 - 10	6.50F-10	SOLIDEAL RES 660	RES 660	■	■	■	■	18.0	7.6	1.3	5445	4190	5445	4940	4190	6325
200 / 50 - 10	6.50F-10	SOLIDEAL RES 550	RES 550	■	■	■	■	18.0	7.6	1.2	5445	4190	5445	4940	4190	6325
200 / 50 - 10	6.50F-10	SOLIDEAL RES 552	RES 552 SEMI		■	■	■	18.1	7.5	1.4	5445	4190	5445	4940	4190	6325
200 / 50 - 10	6.50F-10	SOLIDEAL RES 330	RES 330	■	■	■		17.7	7.6	1.3	5445	4190	5445	4940	4190	6325
200 / 50 - 10	6.50F-10	SOLIDEAL RIB	RIB		■	■	■	18.0	7.8	1.3	5445	4190	5445	4940	4190	6325

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 (lb) ²					Static 0 mph
				Normal	Quick	Black	Non marking	Overall diameter (in)	Overall width (in)	Wearable height (in)	Counterbalanced lift trucks up to 16 mph		Other vehicles ³			
													Up to 4 mph	Up to 6 mph	Up to 16 mph	
21 x 7 - 10 (180/80-10)	5.00F-10	SOLIDEAL SM	SM		■	■		20.6	6.4	2.2	4870	3750	4870	4420	3750	5655
6.50 - 10	5.00F-10	SOLIDEAL RES 660	RES 660	■	■	■	■	22.4	6.2	2.2	5160	3970	5160	4685	3970	5995
6.50 - 10	5.00F-10	SOLIDEAL RES 550	RES 550	■	■	■	■	22.3	6.2	2.2	5160	3970	5160	4685	3970	5995
6.50 - 10	5.00F-10	SOLIDEAL RES 330	RES 330	■	■	■		22.3	6.0	2.0	5160	3970	5160	4685	3970	5995
6.50 - 10	5.00F-10	SOLIDEAL SM	SM	■		■	■	22.3	6.2	2.0	5160	3970	5160	4685	3970	5995
6.50 - 10	5.50F-10	SOLIDEAL RES 550	RES 550	■		■		22.3	6.2	2.2	5160	3970	5160	4685	3970	5995
6.50 - 10	5.50F-10	SOLIDEAL SOLIDAIR LT	MAG2	■	■	■		22.4	6.2	2.0	5160	3970	5160	4685	3970	5995
6.50 - 10	5.50F-10	SOLIDEAL SOLIDAIR ZZRIB	ZZRIB		■	■		22.4	6.2	2.0	5160	3970	5160	4685	3970	5995
23 x 9 - 10 (225/75-10)	6.50F-10	SOLIDEAL RES 660	RES 660	■	■	■	■	23.0	7.8	2.0	7595	5840	7595	6890	5840	8820
23 x 9 - 10 (225/75-10)	6.50F-10	SOLIDEAL RES 550	RES 550	■	■	■	■	23.0	7.9	2.0	7595	5840	7595	6890	5840	8820
23 x 9 - 10 (225/75-10)	6.50F-10	SOLIDEAL RES 330	RES 330	■	■	■		22.6	7.9	2.1	7595	5840	7595	6890	5840	8820
23 x 9 - 10 (225/75-10)	6.50F-10	SOLIDEAL SOLIDAIR LT	MAG2	■	■	■		23.0	8.0	2.0	7595	5840	7595	6890	5840	8820
7.50 - 10	5.00F-10	SOLIDEAL RES 550	RES 550	■		■		24.8	7.1	2.7	6770	5205	6770	6140	5205	7860
7.50 - 10	5.50F-10	SOLIDEAL RES 550	RES 550	■	■	■		24.8	7.2	2.7	6770	5205	6770	6140	5205	7860
12"																
23 x 10 - 12 (250/60-12)	8.00G-12	SOLIDEAL RES 660	RES 660	■	■	■	■	23.1	9.2	1.8	8310	6395	8310	7540	6395	9655
23 x 10 - 12 (250/60-12)	8.00G-12	SOLIDEAL RES 550	RES 550	■	■	■	■	23.0	9.1	1.7	8310	6395	8310	7540	6395	9655
23 x 10 - 12 (250/60-12)	8.00G-12	SOLIDEAL RES 330	RES 330	■	■	■		22.7	9.2	1.8	8310	6395	8310	7540	6395	9655
23 x 12 - 12 (315/45-12)	10.00G-12	SOLIDEAL RES 660	RES 660	■	■	■	■	23.0	11.1	1.7	9890	7605	9890	8975	7605	11485
23 x 12 - 12 (315/45-12)	10.00G-12	SOLIDEAL RES 552	RES 552 SEMI		■	■	■	23.1	9.2	2.0	8310	6395	8310	7540	6395	9655
27 x 10 - 12 (250/75-12)	8.00G-12	SOLIDEAL RES 660	RES 660	■	■	■	■	26.8	9.5	2.5	8600	6615	8600	7805	6615	9985
27 x 10 - 12 (250/75-12)	8.00G-12	SOLIDEAL RES 550	RES 550	■	■	■	■	26.8	9.5	2.5	8600	6615	8600	7805	6615	9985
27 x 10 - 12 (250/75-12)	8.00G-12	SOLIDEAL RES 330	RES 330	■	■	■		26.1	9.8	2.3	8600	6615	8600	7805	6615	9985
27 x 10 - 12 (250/75-12)	8.00G-12	SOLIDEAL SOLIDAIR LT	MAG2	■	■	■		26.5	9.6	2.3	8600	6615	8600	7805	6615	9985
7.00 - 12	5.00S-12	SOLIDEAL RES 660	RES 660	■	■	■	■	25.7	6.5	2.4	6435	4940	6435	5830	4940	7450
7.00 - 12	5.00S-12	SOLIDEAL RES 550	RES 550	■	■	■	■	25.7	6.5	2.4	6435	4940	6435	5830	4940	7450
7.00 - 12	5.00S-12	SOLIDEAL RES 330	RES 330	■	■	■		25.4	6.5	2.2	6435	4940	6435	5830	4940	7450
7.00 - 12	5.00S-12	SOLIDEAL SM	SM	■		■	■	25.7	6.3	2.2	6435	4940	6435	5830	4940	7450
7.00 - 12	5.00S-12	SOLIDEAL SOLIDAIR LT	MAG2	■	■	■		25.7	6.5	2.1	6435	4940	6435	5830	4940	7450
7.00 - 12	5.00S-12	SOLIDEAL SOLIDAIR ZZRIB	ZZRIB		■	■		25.7	6.4	2.0	6435	4940	6435	5830	4940	7450
7.00 - 12	6.50-12	SOLIDEAL RES 552	RES 552 SEMI	■		■		25.7	6.8	2.4	6435	4940	6435	5830	4940	7450
8.25 - 12	5.00S-12	SOLIDEAL RES 550	RES 550	■		■		28.5	7.4	2.5	7585	5830	7585	6880	5830	8805

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 (lb) ²					Static 0 mph
												Counterbalanced lift trucks up to 16 mph		Other vehicles ³			
					Normal	Quick	Black	Non marking	Overall diameter (in)	Overall width (in)	Wearable height (in)						
13"																	
150 / 100 - 13 (23x5)		3.75P-13	SOLIDEAL RES 550	RES 550	■	■	■	■	24.4	5.7	1.8	3295	2535	3295	2975	2535	3825
15"																	
28 x 9 - 15 (8.15-15 & 225/75-15)		6.50-15	SOLIDEAL RES 550	RES 550	■			■	27.0	8.4	2.1	8600	6615	8600	7805	6615	9985
28 x 9 - 15 (8.15-15 & 225/75-15)		7.00-15	SOLIDEAL RES 660	RES 660	■	■		■	27.1	8.4	2.1	8600	6615	8600	7805	6615	9985
28 x 9 - 15 (8.15-15 & 225/75-15)		7.00-15	SOLIDEAL RES 550	RES 550	■	■		■	27.1	8.4	2.1	8600	6615	8600	7805	6615	9985
28 x 9 - 15 (8.15-15 & 225/75-15)		7.00-15	SOLIDEAL RES 330	RES 330	■	■		■	26.8	8.3	1.9	8600	6615	8600	7805	6615	9985
28 x 9 - 15 (8.15-15 & 225/75-15)		7.00-15	SOLIDEAL SOLIDAIR LT	MAG2	■	■		■	27.1	8.5	2.0	8600	6615	8600	7805	6615	9985
355 / 45 - 15 (28x12.5-15)		9.75-15	SOLIDEAL RES 660	RES 660	■	■		■	27.2	11.3	2.1	12545	9645	12545	11385	9645	14560
355 / 45 - 15 (28x12.5-15)		9.75-15	SOLIDEAL RES 330	RES 330	■	■		■	26.6	11.5	1.9	12545	9645	12545	11385	9645	14560
355 / 50 - 15		9.75-15	SOLIDEAL RES 660	RES 660	■	■		■	28.0	11.6	2.0	12545	9645	12545	11385	9645	14560
355 / 50 - 15		9.75-15	SOLIDEAL RES 550	RES 550	■	■		■	28.0	11.6	2.0	12545	9645	12545	11385	9645	14560
355 / 65 - 15 (32x12.1-15)		9.75-15	SOLIDEAL RES 660	RES 660	■	■		■	32.2	12.3	2.9	17195	13230	15620	14175	12015	19975
355 / 65 - 15 (32x12.1-15)		9.75-15	SOLIDEAL RES 550	RES 550	■	■		■	32.2	12.3	2.9	17195	13230	15620	14175	12015	19975
355 / 65 - 15 (32x12.1-15)		9.75-15	SOLIDEAL RES 330	RES 330	■	■		■	31.9	12.2	2.8	17195	13230	15620	14175	12015	19975
250 - 15 (250/70-15)		7.00-15	SOLIDEAL RES 660	RES 660	■	■		■	28.3	8.7	2.4	10460	8045	10460	9500	8045	12145
250 - 15 (250/70-15)		7.00-15	SOLIDEAL RES 550	RES 550	■	■		■	28.3	8.7	2.4	10460	8045	10460	9500	8045	12145
250 - 15 (250/70-15)		7.00-15	SOLIDEAL RES 330	RES 330	■	■		■	27.8	8.3	2.1	10460	8045	10460	9500	8045	12145
250 - 15 (250/70-15)		7.00-15	SOLIDEAL SOLIDAIR LT	MAG2	■	■		■	28.3	8.6	2.2	10460	8045	10460	9500	8045	12145
250 - 15 (250/70-15)		7.50-15	SOLIDEAL RES 660	RES 660	■	■		■	28.3	8.9	2.4	10460	8045	10460	9500	8045	12145
250 - 15 (250/70-15)		7.50-15	SOLIDEAL RES 550	RES 550	■	■		■	28.2	8.9	2.4	10460	8045	10460	9500	8045	12145
250 - 15 (250/70-15)		7.50-15	SOLIDEAL RES 330	RES 330	■			■	27.8	8.3	2.1	10460	8045	10460	9500	8045	12145
250 - 15 (250/70-15)		7.50-15	SOLIDEAL SOLIDAIR LT	MAG2		■		■	28.3	8.6	2.2	10460	8045	10460	9500	8045	12145
300 - 15 (315/70-15)		8.00-15	SOLIDEAL RES 660	RES 660	■	■		■	32.1	10.1	3.0	12895	9920	12895	11705	9920	14980
300 - 15 (315/70-15)		8.00-15	SOLIDEAL RES 550	RES 550	■	■		■	32.0	9.9	3.0	12895	9920	12895	11705	9920	14980
300 - 15 (315/70-15)		8.00-15	SOLIDEAL RES 330	RES 330	■	■		■	31.8	9.8	2.7	12895	9920	12895	11705	9920	14980
300 - 15 (315/70-15)		8.00-15	SOLIDEAL SM	SM		■		■	31.9	10.2	2.7	12895	9920	12895	11705	9920	14980
300 - 15 (315/70-15)		8.00-15	SOLIDEAL SOLIDAIR LT	MAG2	■	■		■	32.1	10.0	2.5	12895	9920	12895	11705	9920	14980
310 - 15 EW		8.00V-15	SOLIDEAL RES 550	RES 550	■			■	32.2	12.3	3.0	13615	10470	13615	12355	10470	15820

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 (lb) ²					Static 0 mph
				Normal	Quick	Black	Non marking	Overall diameter (in)	Overall width (in)	Wearable height (in)	Counterbalanced lift trucks up to 16 mph		Other vehicles ³			
													Up to 4 mph	Up to 6 mph	Up to 16 mph	
5.50 - 15	4.50E-15SDC	SOLIDEAL RES 550	RES 550	■		■		26.0	6.0	2.2	5355	4125	5355	4860	4125	6230
6.00 - 15	4.50E-15SDC	SOLIDEAL RES 550	RES 550	■		■		27.6	6.3	1.8	6965	5355	6965	6315	5355	8090
7.00 - 15	5.50-15	SOLIDEAL RES 660	RES 660	■	■	■ ■	■	28.7	7.0	2.3	7815	6010	7815	7090	6010	9070
7.00 - 15	5.50-15	SOLIDEAL RES 550	RES 550	■	■	■	■	28.5	6.9	2.3	7815	6010	7815	7090	6010	9070
7.00 - 15	5.50-15	SOLIDEAL RES 330	RES 330	■	■	■		28.4	7.3	2.2	7815	6010	7815	7090	6010	9070
7.00 - 15	5.50-15	SOLIDEAL SOLIDAIR ZZRIB	ZZRIB		■	■		28.5	6.9	2.2	7815	6010	7815	7090	6010	9070
7.00 - 15	6.00-15	SOLIDEAL RES 660	RES 660	■		■	■	28.7	7.0	2.3	7815	6010	7815	7090	6010	9070
7.00 - 15	6.00-15	SOLIDEAL RES 550	RES 550	■		■		28.7	7.0	2.3	7815	6010	7815	7090	6010	9070
7.50 - 15	5.50-15	SOLIDEAL RES 660	RES 660	■		■		29.6	7.8	2.4	8600	6615	8600	7805	6615	9985
7.50 - 15	5.50-15	SOLIDEAL RES 550	RES 550	■	■	■		29.6	7.8	2.4	8600	6615	8600	7805	6615	9985
7.50 - 15	6.00-15	SOLIDEAL RES 660	RES 660	■		■		29.6	7.8	2.4	8600	6615	8600	7805	6615	9985
7.50 - 15	6.00-15	SOLIDEAL RES 550	RES 550	■		■		29.6	7.8	2.4	8600	6615	8600	7805	6615	9985
7.50 - 15	6.50-15	SOLIDEAL RES 660	RES 660	■	■	■	■	29.6	7.8	2.4	8600	6615	8600	7805	6615	9985
7.50 - 15	6.50-15	SOLIDEAL RES 550	RES 550	■	■	■		29.6	7.8	2.4	8600	6615	8600	7805	6615	9985
7.50 - 15	6.50-15	SOLIDEAL RES 330	RES 330	■	■	■		29.3	8.0	2.3	8600	6615	8600	7805	6615	9985
8.25 - 15	5.50-15	SOLIDEAL RES 660	RES 660	■	■	■		32.0	8.3	2.8	10175	7825	10175	9235	7825	11815
8.25 - 15	5.50-15	SOLIDEAL RES 550	RES 550	■	■	■		31.9	8.2	2.8	10175	7825	10175	9235	7825	11815
8.25 - 15	6.50-15	SOLIDEAL RES 660	RES 660	■	■	■	■	32.0	8.3	2.8	10470	8045	10470	9480	8045	12145
8.25 - 15	6.50-15	SOLIDEAL RES 550	RES 550	■	■	■	■	32.0	8.2	2.8	10470	8045	10470	9480	8045	12145
8.25 - 15	6.50-15	SOLIDEAL RES 330	RES 330	■	■	■		31.7	8.0	2.7	10470	8045	10470	9480	8045	12145
8.25 - 15	6.50-15	SOLIDEAL SM	SM	■	■	■		31.9	8.0	2.9	10470	8045	10470	9480	8045	12145
8.25 - 15	6.50-15	SOLIDEAL SOLIDAIR LT	MAG2	■	■	■		32.0	8.3	2.6	10470	8045	10470	9480	8045	12145
400 / 60 - 15	11.00 - 15	SOLIDEAL RES 660	RES 660	■	■	■		32.3	12.7	2.7	19775	15210	19775	17945	15210	22970
16"																
6.50 - 16	5.50-16	SOLIDEAL HT	HT	■		■		29.3	7.6	2.4	5730	4410	5730	5205	4410	6660
6.50 - 16	5.50-16	SOLIDEAL SM	SM	■		■		29.3	7.6	2.4	5730	4410	5730	5205	4410	6660
7.50 - 16	5.50-16	SOLIDEAL HT	HT	■		■		31.3	8.3	3.0	8740	6725	8740	7935	6725	10150
7.50 - 16	6.00-16	SOLIDEAL RES 550	RES 550	■		■		31.3	8.3	2.7	8740	6725	8740	7935	6725	10150
7.50 - 16	6.00-16	SOLIDEAL HT	HT	■		■	■	31.3	8.3	3.0	8740	6725	8740	7935	6725	10150
20"																
355 / 50 - 20	10.00-20	SOLIDEAL RES 660	RES 660	■	■	■	■	32.7	12.3	1.9	19775	15210	19775	17945	15210	22970
7.50 - 20	6.50-20	SOLIDEAL HT	HT	■		■		34.7	8.3	2.1	8600	7165	8600	7815	7165	10825

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 (lb) ²					Static 0 mph
				Normal	Quick	Black	Non marking	Overall diameter (in)	Overall width (in)	Wearable height (in)	Counterbalanced lift trucks up to 16 mph		Other vehicles ³			
											Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph	
8.25 - 20	6.50-20	SOLIDEAL HT	HT	■		■		38.1	8.1	2.9	9655	8045	9655	8775	8045	12145
8.25 - 20	7.00-20	SOLIDEAL HT	HT	■		■		38.1	8.7	2.9	9655	8045	9655	8775	8045	12145
9.00 - 20	6.50-20	SOLIDEAL HT	HT	■		■		38.3	8.8	2.9	11905	9920	11905	10815	9920	14980
9.00 - 20	7.00-20	SOLIDEAL RES 660	RES 660	■		■		39.3	9.0	3.0	11905	9920	11905	10815	9920	14980
9.00 - 20	7.00-20	SOLIDEAL RES 550	RES 550	■		■	■	39.1	9.0	2.9	11905	9920	11905	10815	9920	14980
9.00 - 20	7.00-20	SOLIDEAL HT	HT	■		■		38.3	8.8	2.9	11905	9920	11905	10815	9920	14980
9.00 - 20	7.50-20	SOLIDEAL HT	HT	■		■		38.3	8.8	2.9	11905	9920	11905	10815	9920	14980
10.00 - 20	6.50-20	SOLIDEAL RES 550	RES 550	■		■		40.7	10.0	3.2	12895	10750	12895	11720	10750	16225
10.00 - 20	7.00-20	SOLIDEAL RES 660	RES 660	■		■		40.7	10.0	3.2	13230	11025	13230	12015	11025	16645
10.00 - 20	7.00-20	SOLIDEAL RES 550	RES 550	■		■		40.7	10.0	3.2	13230	11025	13230	12015	11025	16645
10.00 - 20	7.00-20	SOLIDEAL HT	HT	■		■		39.6	9.8	3.1	13230	11025	13230	12015	11025	16645
10.00 - 20	7.50-20	SOLIDEAL RES 660	RES 660	■	■	■		40.7	10.0	3.2	13230	11025	13230	12015	11025	16645
10.00 - 20	7.50-20	SOLIDEAL RES 550	RES 550	■		■	■	40.7	10.0	3.2	13230	11025	13230	12015	11025	16645
10.00 - 20	7.50-20	SOLIDEAL RES 330	RES 330	■		■		39.8	10.0	3.2	13230	11025	13230	12015	11025	16645
10.00 - 20	7.50-20	SOLIDEAL HT	HT	■	■	■		39.6	9.8	3.1	13230	11025	13230	12015	11025	16645
10.00 - 20	7.50-20	SOLIDEAL SM	SM	■	■	■		39.8	9.6	19.9	13230	11025	13230	12015	11025	16645
10.00 - 20	8.00-20	SOLIDEAL RES 660	RES 660	■		■		40.7	10.0	3.2	13230	11025	13230	12015	11025	16645
10.00 - 20	8.00-20	SOLIDEAL RES 550	RES 550	■		■	■	40.7	9.9	3.2	13230	11025	13230	12015	11025	16645
10.00 - 20	8.00-20	SOLIDEAL RES 330	RES 330	■		■		39.8	10.0	3.2	13230	11025	13230	12015	11025	16645
10.00 - 20	8.00-20	SOLIDEAL HT	HT	■		■		39.6	9.8	3.1	13230	11025	13230	12015	11025	16645
10.00 - 20	8.00-20	SOLIDEAL SM	SM	■		■		40.0	9.8	3.2	13230	11025	13230	12015	11025	16645
11.00 - 20	7.50-20	SOLIDEAL RES 550	RES 550	■		■		41.7	10.1	3.8	14420	12015	14420	13095	12015	18145
11.00 - 20	8.00-20	SOLIDEAL RES 550	RES 550	■		■	■	41.7	10.1	3.8	14420	12015	14420	13095	12015	18145
12.00 - 20	8.00-20	SOLIDEAL RES 660	RES 660	■		■		42.9	11.1	3.4	16665	13890	16665	15135	13890	20975
12.00 - 20	8.00-20	SOLIDEAL RES 550	RES 550	■		■	■	42.9	11.1	3.4	16665	13890	16665	15135	13890	20975
12.00 - 20	8.00-20	SOLIDEAL HT	HT	■		■	■	42.8	10.2	3.3	16665	13890	16665	15135	13890	20975
12.00 - 20	8.00-20	SOLIDEAL SM	SM	■		■	■	42.8	10.4	3.3	16665	13890	16665	15135	13890	20975
12.00 - 20	8.50-20	SOLIDEAL RES 660	RES 660	■		■		42.9	11.1	3.4	16665	13890	16665	15135	13890	20975
12.00 - 20	8.50-20	SOLIDEAL RES 550	RES 550	■		■	■	42.9	11.1	3.4	16665	13890	16665	15135	13890	20975
12.00 - 20	8.50-20	SOLIDEAL HT	HT	■		■		43.1	10.2	3.3	16665	13890	16665	15135	13890	20975
12.00 - 20	10.00-20	SOLIDEAL RES 660	RES 660	■		■		42.8	13.1	3.2	17195	14330	17195	15620	14330	21640
12.00 - 20	10.00-20	SOLIDEAL RES 552	RES 552 SEMI	■		■	■	42.9	13.1	3.4	17195	14330	17195	15620	14330	21640
12.00 - 20	10.00-20	SOLIDEAL SM	SM	■		■	■	42.8	12.4	3.4	17195	14330	17195	15620	14330	21640

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 (lb) ²					Static 0 mph
				Normal	Quick	Black	Non marking	Overall diameter (in)	Overall width (in)	Wearable height (in)	Counterbalanced lift trucks up to 16 mph		Other vehicles ³			
											Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph	
12.00 - 20 EW	10.00-20	SOLIDEAL RES 660	RES 660	■		■		46.8	13.5	3.6	17195	14330	17195	15620	14330	21640
465 / 55 - 20	16.00-20	SOLIDEAL RES 660	RES 660	■		■		-	-	-	23810	19840	23810	21625	19840	29960
24"																
12.00 - 24	8.00TG-24	SOLIDEAL HT	HT	■		■		46.4	10.9	3.9	17725	14770	17725	16105	14770	22300
12.00 - 24	8.50-24	SOLIDEAL RES 660	RES 660	■		■		46.7	11.1	3.9	17725	14770	17725	16105	14770	22300
12.00 - 24	8.50-24IRA	SOLIDEAL HT	HT	■		■		46.4	10.9	3.9	17725	14770	17725	16105	14770	22300
12.00 - 24	10.00-24IRA	SOLIDEAL SM	SM	■		■		47.9	12.8	3.8	19840	16535	18740	17085	15655	24965
14.00 - 24	10.00-24IRA	SOLIDEAL RES 550	RES 550	■		■	■	52.0	13.1	4.3	24470	20395	24470	22235	20395	29960
14.00 - 24	10.00-24IRA	SOLIDEAL HT	HT	■		■		52.0	13.1	4.4	24470	20395	24470	22235	20395	30800
25"																
14.00 - 25	11.25-25	SOLIDEAL MAGNUM SL	RES 550	■		■		52.5	15.1	4.1	27515	22930	27515	24990	22930	34625
16.00 - 25	11.25-25	SOLIDEAL RES 550	RES 550	■		■		56.9	16.4	4.9	33070	27560	33070	30040	27560	41610

Blue sections represent hub size

- Remarks
- (1) 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.
- (2) 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.
- (3) 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.

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