

WE START WE START  
WHERE WHERE  
THE ROAD THE ROAD  
ENDS ENDS



DATASHEET | MATERIAL HANDLING  
**SOLID RESILIENT TIRES**

IMPERIAL DATA

# SOLID RESILIENT TIRES

## TECHNICAL DATA

TIRE SIZE	RIM SIZE <sup>1</sup>	PRODUCT NAME	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT (in)	LOAD-CAPACITY (lb) <sup>2</sup>					
			Normal	Quick	Overall-diameter (in)	Overall-width (in)		Counterbalanced lift trucks up to 16 mph		Other-vehicles <sup>3</sup>			Static 0 mph
								Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph	
<b>4"</b>													
3.00 - 4	2.10-4	SOLIDEAL RES 550	▪	-	9.9	3.3	0.9	560	430	560	505	430	650
3.00 - 4	2.50C-4	SOLIDEAL RES 550	▪	-	9.9	3.3	0.9	560	430	560	505	430	650
4.00 - 4	2.10-4	SOLIDEAL RES 550	▪	-	12.1	3.8	1.4	1180	905	1180	1070	905	1365
4.00 - 4	2.10-4	SOLIDEAL MIL	▪	-	12.0	3.9	1.3	1180	905	1180	1070	905	1365
4.00 - 4	2.50C-4	SOLIDEAL RES 550	▪	-	12.1	3.8	1.4	1180	905	1180	1070	905	1365
4.00 - 4	2.50C-4	SOLIDEAL MIL	▪	-	12.0	3.9	1.3	1180	905	1180	1070	905	1365
<b>5"</b>													
3.50 - 5	3.00SP-5	SOLIDEAL LUG	▪	-	11.7	4.0	1.2	1145	880	1145	1035	880	1335
<b>6"</b>													
140 / 55 - 6	4.50E-6	SOLIDEAL RIB	▪	-	12.2	5.5	1.0	2370	1820	2370	2150	1820	2745
<b>8"</b>													
100 / 50 - 8 (2.00-8)	3.00D-8	SOLIDEAL SM	▪	-	11.9	4.0	0.9	1565	1200	1565	1420	1200	1820
100 / 80 - 8	2.50C-8	SOLIDEAL SM	▪	-	14.1	4.1	0.9	1665	1280	1665	1510	1280	1930
4.00 - 8	2.50C-8	SOLIDEAL RIB	▪	-	16.0	4.0	1.0	2095	1610	2095	1895	1610	2425
4.00 - 8	3.00D-8	SOLIDEAL RES 550	▪	▪	16.1	4.1	1.3	2095	1610	2095	1895	1610	2425
4.00 - 8	3.00D-8	SOLIDEAL HT	▪	-	16.0	4.1	1.4	2095	1610	2095	1895	1610	2425
4.00 - 8	3.00D-8	SOLIDEAL RIB	▪	-	16.0	4.0	1.0	2095	1610	2095	1895	1610	2425
4.00 - 8	3.75-8	SOLIDEAL RIB	▪	-	16.0	4.8	1.4	2225	1710	2225	2015	1710	2580
5.00 - 8	3.00D-8	SOLIDEAL XTREME NMAS	▪	-	17.9	4.6	1.5	3120	2405	3120	2835	2405	3625
5.00 - 8	3.00D-8	SOLIDEAL RES 660	▪	▪	17.9	4.6	1.5	3120	2405	3120	2835	2405	3625
5.00 - 8	3.00D-8	SOLIDEAL RES 550	▪	▪	17.8	4.6	1.5	3120	2405	3120	2835	2405	3625
5.00 - 8	3.00D-8	SOLIDEAL RES 330	▪	▪	17.7	4.5	1.6	3120	2405	3120	2835	2405	3625
5.00 - 8	3.00D-8	SOLIDEAL SOLIDAIR LT	▪	▪	17.8	4.7	1.4	3120	2405	3120	2835	2405	3625
5.00 - 8	3.00D-8	SOLIDEAL SM	▪	-	17.8	4.5	1.5	3120	2405	3120	2835	2405	3625
5.00 - 8	3.50-8	SOLIDEAL RES 550	▪	-	17.7	4.8	1.5	3120	2405	3120	2835	2405	3625
5.00 - 8	3.75-8	SOLIDEAL RIB	▪	-	17.8	5.3	1.6	3305	2545	3305	3010	2545	3845

### TREAD PATTERNS



RES XTREME NMAS    RES 660    RES 550    RES 330    RES 552 SEMI    HT    RIB    MIL    LUG    SM    SOLIDAIR LT    SOLIDAIR ZZRIB

# SOLID RESILIENT TIRES

## TECHNICAL DATA

TIRE SIZE	RIM SIZE <sup>1</sup>	PRODUCT NAME	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT (in)	LOAD-CAPACITY (lb) <sup>2</sup>						
			Normal	Quick	Overall-diameter (in)	Overall-width (in)		Counterbalanced lift trucks up to 16 mph		Other-vehicles <sup>3</sup>			Static 0 mph	
								Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph		
15 x 4-1/2 - 8 (125/75-8)	3.00D-8	SOLIDEAL XTREME NMAS	-	■	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 660	■	■	14.8	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	■	■	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	■	■	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	■	■	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	■	-	14.8	4.5	1.0	2295	1765	2295	2085	1765	2670	
16 x 6 - 8 (150/75-8)	4.33R-8	SOLIDEAL XTREME NMAS	-	■	16.2	6.0	1.3	3295	2535	3295	3000	2535	3825	
16 x 6 - 8 (150/75-8)	4.33R-8	SOLIDEAL 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	■	■	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	■	■	16.1	5.7	1.3	3295	2535	3295	3000	2535	3825	
18 x 7 - 8 (180/70-8)	4.33R-8	SOLIDEAL XTREME NMAS	-	■	17.8	6.0	1.7	4730	3640	4730	4290	3640	5490	
18 x 7 - 8 (180/70-8)	4.33R-8	SOLIDEAL 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	■	■	17.8	6.2	1.8	4730	3640	4730	4290	3640	5490	
18 x 7 - 8 (180/70-8)	4.33R-8	SOLIDEAL 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	■	■	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	■	■	17.8	6.1	1.5	4730	3640	4730	4290	3640	5490	
18 x 9 - 8	7.00E-8	SOLIDEAL RES 550	■	-	17.9	8.3	1.8	5590	4300	5590	5070	4300	6495	
<b>9"</b>														
140 / 55 - 9	4.00E-9	SOLIDEAL XTREME NMAS	-	■	14.8	5.1	1.1	2580	1985	2580	2335	1985	3000	
140 / 55 - 9	4.00E-9	SOLIDEAL RES 660	-	■	14.8	5.1	1.1	2580	1985	2580	2335	1985	3000	
140 / 55 - 9	4.00E-9	SOLIDEAL RES 550	-	■	14.9	5.1	1.1	2580	1985	2580	2335	1985	3000	
140 / 55 - 9	4.00E-9	SOLIDEAL RES 330	-	■				2580	1985	2580	2335	1985	3000	
140 / 55 - 9	4.00E-9	SOLIDEAL RIB	-	■	14.9	5.1	1.1	2580	1985	2580	2335	1985	3000	
16 x 5 - 9	3.50D-9	SOLIDEAL RIB	■	-	16.1	5.0	0.9	2315	1785	2315	2095	1785	2700	
6.00 - 9	4.00E-9	SOLIDEAL XTREME NMAS	■	■	20.6	5.3	2.0	4155	3195	4155	3770	3195	4830	
6.00 - 9	4.00E-9	SOLIDEAL RES 660	■	■	20.6	5.3	2.0	4155	3195	4155	3770	3195	4830	
6.00 - 9	4.00E-9	SOLIDEAL RES 550	■	■	20.7	5.3	2.0	4155	3195	4155	3770	3195	4830	
6.00 - 9	4.00E-9	SOLIDEAL RIB	■	-	20.4	5.3	1.9	4155	3195	4155	3770	3195	4830	

### TREAD PATTERNS



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# SOLID RESILIENT TIRES

## TECHNICAL DATA

TIRE SIZE	RIM SIZE <sup>1</sup>	PRODUCT NAME	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT (in)	LOAD-CAPACITY (lb) <sup>2</sup>					
			Normal	Quick	Overall-diameter (in)	Overall-width (in)		Counterbalanced lift trucks up to 16 mph		Other-vehicles <sup>3</sup>			Static 0 mph
								Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph	
6.00 - 9	4.00E-9	SOLIDEAL SM	■	-	20.4	5.3	1.9	4155	3195	4155	3770	3195	4830
6.00 - 9	4.00E-9	SOLIDEAL RES 330	■	■	20.4	5.4	1.9	4155	3195	4155	3770	3195	4830
6.00 - 9	4.00E-9	SOLIDEAL SOLIDAIR LT	■	■	20.6	5.4	1.8	4155	3195	4155	3770	3195	4830
6.00 - 9	4.00E-9	SOLIDEAL SOLIDAIR ZZRIB	-	■	20.5	5.3	1.7	4155	3195	4155	3770	3195	4830
21 x 8 - 9 (200/75-9)	6.00E-9	SOLIDEAL XTREME NMAS	-	■	20.4	7.4	1.93	6075	4675	6075	5510	4675	7055
21 x 8 - 9 (200/75-9)	6.00E-9	SOLIDEAL 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	■	■	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	■	■	20.3	7.1	1.9	6075	4675	6075	5510	4675	7055
<b>10"</b>													
180 / 60 - 10	5.00F-10	SOLIDEAL XTREME NMAS	-	■	17.8	6.3	1.3	5315	4080	5315	4805	4080	6160
180 / 60 - 10	5.00F-10	SOLIDEAL RES 660	-	■	17.8	6.3	1.3	5315	4080	5315	4805	4080	6160
180 / 60 - 10	5.00F-10	SOLIDEAL RIB	-	■	17.9	6.3	1.3	5315	4080	5315	4805	4080	6160
200 / 50 - 10	6.50F-10	SOLIDEAL XTREME NMAS	-	■	18.0	7.6	1.3	5445	4190	5445	4940	4190	6325
200 / 50 - 10	6.50F-10	SOLIDEAL RES 660	■	■	18.0	7.6	1.3	5445	4190	5445	4940	4190	6325
200 / 50 - 10	6.50F-10	SOLIDEAL RES 550	■	■	18.0	7.6	1.2	5445	4190	5445	4940	4190	6325
200 / 50 - 10	6.50F-10	SOLIDEAL RES 552	-	■	18.1	7.5	1.4	5445	4190	5445	4940	4190	6325
200 / 50 - 10	6.50F-10	SOLIDEAL RES 330	■	■	17.7	7.6	1.3	5445	4190	5445	4940	4190	6325
200 / 50 - 10	6.50F-10	SOLIDEAL RIB	-	■	18.0	7.8	1.3	5445	4190	5445	4940	4190	6325
21 x 7 - 10 (180/80-10)	5.00F-10	SOLIDEAL SM	-	■	20.6	6.4	2.2	4870	3750	4870	4420	3750	5655
6.50 - 10	5.00F-10	SOLIDEAL XTREME NMAS	■	■	22.4	6.2	2.2	5160	3970	5160	4685	3970	5995
6.50 - 10	5.00F-10	SOLIDEAL RES 660	■	■	22.4	6.2	2.2	5160	3970	5160	4685	3970	5995
6.50 - 10	5.00F-10	SOLIDEAL RES 550	■	■	22.3	6.2	2.2	5160	3970	5160	4685	3970	5995
6.50 - 10	5.00F-10	SOLIDEAL RES 330	■	■	22.3	6.0	2.0	5160	3970	5160	4685	3970	5995
6.50 - 10	5.00F-10	SOLIDEAL SM	■	-	22.3	6.2	2.0	5160	3970	5160	4685	3970	5995
6.50 - 10	5.50F-10	SOLIDEAL RES 550	■	-	22.3	6.2	2.2	5160	3970	5160	4685	3970	5995
6.50 - 10	5.50F-10	SOLIDEAL SOLIDAIR LT	■	■	22.4	6.2	2.0	5160	3970	5160	4685	3970	5995
6.50 - 10	5.50F-10	SOLIDEAL SOLIDAIR ZZRIB	-	■	22.4	6.2	2.0	5160	3970	5160	4685	3970	5995
23 x 9 - 10 (225/75-10)	6.50F-10	SOLIDEAL XTREME NMAS	-	■	23.0	7.8	2.0	7595	5840	7595	6890	5840	8820

### TREAD PATTERNS



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# SOLID RESILIENT TIRES

## TECHNICAL DATA

TIRE SIZE	RIM SIZE <sup>1</sup>	PRODUCT NAME	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT (in)	LOAD-CAPACITY (lb) <sup>2</sup>						
			Normal	Quick	Overall-diameter (in)	Overall-width (in)		Counterbalanced lift trucks up to 16 mph		Other-vehicles <sup>3</sup>			Static 0 mph	
								Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph		
23 x 9 - 10 (225/75-10)	6.50F-10	SOLIDEAL 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	■	■	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	■	■	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	■	■	23.0	8.0	2.0	7595	5840	7595	6890	5840	8820	
7.50 - 10	5.00F-10	SOLIDEAL RES 550	■	-	24.8	7.1	2.7	6770	5205	6770	6140	5205	7860	
7.50 - 10	5.50F-10	SOLIDEAL RES 550	■	■	24.8	7.2	2.7	6770	5205	6770	6140	5205	7860	
<b>12"</b>														
23 x 10 - 12 (250/60-12)	8.00G-12	SOLIDEAL XTREME NMAS	-	■	23.1	9.2	-	8310	6395	8310	7540	6395	9655	
23 x 10 - 12 (250/60-12)	8.00G-12	SOLIDEAL 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	■	■	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	■	■	22.7	9.2	1.8	8310	6395	8310	7540	6395	9655	
23 x 12 - 12 (315/45-12)	10.00G-12	SOLIDEAL XTREME NMAS	-	■	23.0	11.1	1.7	9890	7605	9890	8975	7605	11485	
23 x 12 - 12 (315/45-12)	10.00G-12	SOLIDEAL 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	-	■	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	■	■	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	■	■	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	■	■	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	■	■	26.5	9.6	2.3	8600	6615	8600	7805	6615	9985	
7.00 - 12	5.00S-12	SOLIDEAL XTREME NMAS	■	■	25.7	6.5	2.4	6435	4940	6435	5830	4940	7450	
7.00 - 12	5.00S-12	SOLIDEAL RES 660	■	■	25.7	6.5	2.4	6435	4940	6435	5830	4940	7450	
7.00 - 12	5.00S-12	SOLIDEAL RES 550	■	■	25.7	6.5	2.4	6435	4940	6435	5830	4940	7450	
7.00 - 12	5.00S-12	SOLIDEAL RES 330	■	■	25.4	6.5	2.2	6435	4940	6435	5830	4940	7450	
7.00 - 12	5.00S-12	SOLIDEAL SM	■	-	25.7	6.3	2.2	6435	4940	6435	5830	4940	7450	
7.00 - 12	5.00S-12	SOLIDEAL SOLIDAIR LT	■	■	25.7	6.5	2.1	6435	4940	6435	5830	4940	7450	
7.00 - 12	5.00S-12	SOLIDEAL SOLIDAIR ZZRIB	-	■	25.7	6.4	2.0	6435	4940	6435	5830	4940	7450	
7.00 - 12	6.50-12	SOLIDEAL RES 552	■	-	25.7	6.8	2.4	6435	4940	6435	5830	4940	7450	
8.25 - 12	5.00S-12	SOLIDEAL RES 550	■	-	28.5	7.4	2.5	7585	5830	7585	6880	5830	8805	

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## TECHNICAL DATA

TIRE SIZE	RIM SIZE <sup>1</sup>	PRODUCT NAME	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT (in)	LOAD-CAPACITY (lb) <sup>2</sup>						
			Normal	Quick	Overall-diameter (in)	Overall-width (in)		Counterbalanced lift trucks up to 16 mph		Other-vehicles <sup>3</sup>			Static 0 mph	
								Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph		
<b>13"</b>														
150 / 100 - 13 (23x5)	3.75P-13	SOLIDEAL RES 550	■	■	24.4	5.7	1.8	3295	2535	3295	2975	2535	3825	
<b>15"</b>														
28 x 9 - 15 (8.15-15-&-225/75-15)	6.50-15	SOLIDEAL XTREME NMAS	-	■	27.1	8.4	2.1	8600	6615	8600	7805	6615	9985	
28 x 9 - 15 (8.15-15-&-225/75-15)	6.50-15	SOLIDEAL 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	■	■	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	■	■	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	■	■	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	■	■	27.1	8.5	2.0	8600	6615	8600	7805	6615	9985	
355 / 45 - 15 (28x12.5-15)	9.75-15	SOLIDEAL 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	■	■	26.6	11.5	1.9	12545	9645	12545	11385	9645	14560	
355 / 50 - 15	9.75-15	SOLIDEAL XTREME NMAS	-	■	28.0	11.6	2.0	12545	9645	12545	11385	9645	14560	
355 / 50 - 15	9.75-15	SOLIDEAL RES 660	■	■	28.0	11.6	2.0	12545	9645	12545	11385	9645	14560	
355 / 50 - 15	9.75-15	SOLIDEAL 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	■	■	32.2	12.3	2.9	17195	13230	15430	14175	12015	19975	
355 / 65 - 15 (32x12.1-15)	9.75-15	SOLIDEAL RES 550	■	■	32.2	12.3	2.9	17195	13230	15430	14175	12015	19975	
355 / 65 - 15 (32x12.1-15)	9.75-15	SOLIDEAL RES 330	■	■	31.9	12.2	2.8	17195	13230	15430	14175	12015	19975	
250 - 15 (250/70-15)	7.00-15	SOLIDEAL 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	■	■	28.3	8.7	2.4	10460	8045	10460	9500	8045	12145	
250 - 15 (250/70-15)	7.00-15	SOLIDEAL 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	■	■	28.3	8.6	2.2	10460	8045	10460	9500	8045	12145	
250 - 15 (250/70-15)	7.50-15	SOLIDEAL 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	■	■	28.2	8.9	2.4	10460	8045	10460	9500	8045	12145	
250 - 15 (250/70-15)	7.50-15	SOLIDEAL 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	-	■	28.3	8.6	2.2	10460	8045	10460	9500	8045	12145	
300 - 15 (315/70-15)	8.00-15	SOLIDEAL XTREME NMAS	-	■	32.1	10.1	3.0	12895	9920	12895	11705	9920	14980	
300 - 15 (315/70-15)	8.00-15	SOLIDEAL 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	■	■	32.0	9.9	3.0	12895	9920	12895	11705	9920	14980	

### TREAD PATTERNS



RES XTREME NMAS    RES 660    RES 550    RES 330    RES 552 SEMI    HT    RIB    MIL    LUG    SM    SOLIDAIR LT    SOLIDAIR ZZRIB

# SOLID RESILIENT TIRES

## TECHNICAL DATA

TIRE SIZE	RIM SIZE <sup>1</sup>	PRODUCT NAME	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT (in)	LOAD-CAPACITY (lb) <sup>2</sup>					
			Normal	Quick	Overall-diameter (in)	Overall-width (in)		Counterbalanced lift trucks up to 16 mph		Other-vehicles <sup>3</sup>			Static 0 mph
								Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph	
300 - 15 (315/70-15)	8.00-15	SOLIDEAL RES 330	■	■	31.8	9.8	2.7	12895	9920	12895	11705	9920	14980
300 - 15 (315/70-15)	8.00-15	SOLIDEAL SM	-	■	31.9	10.2	2.7	12895	9920	12895	11705	9920	14980
300 - 15 (315/70-15)	8.00-15	SOLIDEAL SOLIDAIR LT	■	■	32.1	10.0	2.5	12895	9920	12895	11705	9920	14980
310 - 15 - EW	8.00V-15	SOLIDEAL RES 550	■	-	32.2	12.3	3.0	13615	10470	13615	12355	10470	15820
5.50 - 15	4.50E-15SDC	SOLIDEAL RES 550	■	-	26.0	6.0	2.2	5355	4125	5355	4860	4125	6230
6.00 - 15	4.50E-15SDC	SOLIDEAL RES 550	■	-	27.5	6.3	1.7	6010	4620	6010	5445	4620	6980
7.00 - 15	5.50-15	SOLIDEAL RES 660	■	■	28.7	7.0	2.3	7815	6010	7815	7090	6010	9070
7.00 - 15	5.50-15	SOLIDEAL RES 550	■	■	28.5	6.9	2.3	7815	6010	7815	7090	6010	9070
7.00 - 15	5.50-15	SOLIDEAL RES 330	■	■	28.4	7.3	2.2	7815	6010	7815	7090	6010	9070
7.00 - 15	5.50-15	SOLIDEAL SOLIDAIR ZZRIB	-	■	28.5	6.9	2.2	7815	6010	7815	7090	6010	9070
7.00 - 15	6.00-15	SOLIDEAL RES 660	■	-	28.7	7.0	2.3	7815	6010	7815	7090	6010	9070
7.00 - 15	6.00-15	SOLIDEAL RES 550	■	-	28.7	7.0	2.3	7815	6010	7815	7090	6010	9070
7.50 - 15	5.50-15	SOLIDEAL RES 660	■	-	29.6	7.8	2.4	8600	6615	8600	7805	6615	9985
7.50 - 15	5.50-15	SOLIDEAL RES 550	■	■	29.6	7.8	2.4	8600	6615	8600	7805	6615	9985
7.50 - 15	6.00-15	SOLIDEAL RES 660	■	-	29.6	7.8	2.4	8600	6615	8600	7805	6615	9985
7.50 - 15	6.00-15	SOLIDEAL RES 550	■	-	29.6	7.8	2.4	8600	6615	8600	7805	6615	9985
7.50 - 15	6.50-15	SOLIDEAL RES 660	■	■	29.6	7.8	2.4	8600	6615	8600	7805	6615	9985
7.50 - 15	6.50-15	SOLIDEAL RES 550	■	■	29.6	7.8	2.4	8600	6615	8600	7805	6615	9985
7.50 - 15	6.50-15	SOLIDEAL RES 330	■	■	29.3	8.0	2.3	8600	6615	8600	7805	6615	9985
8.25 - 15	5.50-15	SOLIDEAL RES 660	■	■	32.0	8.3	2.8	10175	7825	10175	9235	7825	11815
8.25 - 15	5.50-15	SOLIDEAL RES 550	■	■	31.9	8.2	2.8	10175	7825	10175	9235	7825	11815
8.25 - 15	6.50-15	SOLIDEAL RES 660	■	■	32.0	8.3	2.8	10470	8045	10470	9480	8045	12145
8.25 - 15	6.50-15	SOLIDEAL RES 550	■	■	32.0	8.2	2.8	10470	8045	10470	9480	8045	12145
8.25 - 15	6.50-15	SOLIDEAL RES 330	■	■	31.7	8.0	2.7	10470	8045	10470	9480	8045	12145
8.25 - 15	6.50-15	SOLIDEAL SM	■	■	31.9	8.0	2.9	10470	8045	10470	9480	8045	12145
8.25 - 15	6.50-15	SOLIDEAL SOLIDAIR LT	■	■	32.0	8.3	2.6	10470	8045	10470	9480	8045	12145
400 / 60 - 15	11.00 - 15	SOLIDEAL RES 660	■	■	32.3	12.7	2.7	19775	15210	19775	17945	15210	22970

16"

### TREAD PATTERNS



RES XTREME NMAS    RES 660    RES 550    RES 330    RES 552 SEMI    HT    RIB    MIL    LUG    SM    SOLIDAIR LT    SOLIDAIR ZZRIB

# SOLID RESILIENT TIRES

## TECHNICAL DATA

TIRE SIZE	RIM SIZE <sup>1</sup>	PRODUCT NAME	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT (in)	LOAD-CAPACITY (lb) <sup>2</sup>					
			Normal	Quick	Overall-diameter (in)	Overall-width (in)		Counterbalanced lift trucks up to 16 mph		Other-vehicles <sup>3</sup>			Static 0 mph
								Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph	
6.50 - 16	5.50-16	SOLIDEAL HT	■	-	29.3	7.6	2.4	5730	4410	5730	5205	4410	6660
6.50 - 16	5.50-16	SOLIDEAL SM	■	-	29.3	7.6	2.4	5730	4410	5730	5205	4410	6660
7.50 - 16	5.50-16	SOLIDEAL HT	■	-	31.3	8.3	3.0	8740	6725	8740	7935	6725	10150
7.50 - 16	6.00-16	SOLIDEAL RES 550	■	-	31.3	8.3	2.7	8740	6725	8740	7935	6725	10150
7.50 - 16	6.00-16	SOLIDEAL RES 660	■	-	31.5	8.1	2.6	8740	6725	8740	7935	6725	10150
7.50 - 16	6.00-16	SOLIDEAL HT	■	-	31.3	8.3	3.0	8740	6725	8740	7935	6725	10150
<b>20"</b>													
355 / 50 - 20	10.00-20	SOLIDEAL RES 660	■	■	32.7	12.3	1.9	19775	15210	19775	17945	15210	22970
7.50 - 20	6.50-20	SOLIDEAL HT	■	-	34.7	8.3	2.1	8600	7165	8600	7815	7165	10825
8.25 - 20	6.50-20	SOLIDEAL HT	■	-	38.1	8.1	2.9	9655	8045	9655	8775	8045	12145
8.25 - 20	7.00-20	SOLIDEAL HT	■	-	38.1	8.7	2.9	9655	8045	9655	8775	8045	12145
9.00 - 20	6.50-20	SOLIDEAL HT	■	-	38.3	8.8	2.9	11905	9920	11905	10815	9920	14980
9.00 - 20	7.00-20	SOLIDEAL RES 660	■	-	39.3	9.0	3.0	11905	9920	11905	10815	9920	14980
9.00 - 20	7.00-20	SOLIDEAL RES 550	■	-	39.1	9.0	2.9	11905	9920	11905	10815	9920	14980
9.00 - 20	7.00-20	SOLIDEAL HT	■	-	38.3	8.8	2.9	11905	9920	11905	10815	9920	14980
9.00 - 20	7.50-20	SOLIDEAL HT	■	-	38.3	8.8	2.9	11905	9920	11905	10815	9920	14980
10.00 - 20	6.50-20	SOLIDEAL RES 550	■	-	40.7	10.0	3.2	12895	10750	12895	11720	10750	16225
10.00 - 20	7.00-20	SOLIDEAL RES 660	■	-	40.7	10.0	3.2	13230	11025	13230	12015	11025	16645
10.00 - 20	7.00-20	SOLIDEAL RES 550	■	-	40.7	10.0	3.2	13230	11025	13230	12015	11025	16645
10.00 - 20	7.00-20	SOLIDEAL HT	■	-	39.6	9.8	3.1	13230	11025	13230	12015	11025	16645
10.00 - 20	7.50-20	SOLIDEAL RES 660	■	■	40.7	10.0	3.2	13230	11025	13230	12015	11025	16645
10.00 - 20	7.50-20	SOLIDEAL RES 550	■	-	40.7	10.0	3.2	13230	11025	13230	12015	11025	16645
10.00 - 20	7.50-20	SOLIDEAL RES 330	■	-	39.8	10.0	3.2	13230	11025	13230	12015	11025	16645
10.00 - 20	7.50-20	SOLIDEAL HT	■	■	39.6	9.8	3.1	13230	11025	13230	12015	11025	16645
10.00 - 20	7.50-20	SOLIDEAL SM	■	■	39.8	9.6	19.9	13230	11025	13230	12015	11025	16645

### TREAD PATTERNS



RES XTREME NMAS    RES 660    RES 550    RES 330    RES 552 SEMI    HT    RIB    MIL    LUG    SM    SOLIDAIR LT    SOLIDAIR ZZRIB



# SOLID RESILIENT TIRES

## TECHNICAL DATA

TIRE SIZE	RIM SIZE <sup>1</sup>	PRODUCT NAME	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT (in)	LOAD-CAPACITY (lb) <sup>2</sup>					
			Normal	Quick	Overall-diameter (in)	Overall-width (in)		Counterbalanced lift trucks up to 16 mph		Other-vehicles <sup>3</sup>			Static 0 mph
								Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph	
10.00 - 20	8.00-20	SOLIDEAL RES 660	▪	-	40.7	10.0	3.2	13230	11025	13230	12015	11025	16645
10.00 - 20	8.00-20	SOLIDEAL RES 550	▪	-	40.7	9.9	3.2	13230	11025	13230	12015	11025	16645
10.00 - 20	8.00-20	SOLIDEAL RES 330	▪	-	39.8	10,0	3,2	13230	11025	13230	12015	11025	16645
10.00 - 20	8.00-20	SOLIDEAL HT	▪	-	39,6	9,8	3,1	13230	11025	13230	12015	11025	16645
10.00 - 20	8.00-20	SOLIDEAL SM	▪	-	40,0	9,8	3,2	13230	11025	13230	12015	11025	16645
11.00 - 20	7.50-20	SOLIDEAL RES 550	▪	-	41,7	10,1	3,8	14420	12015	14420	13095	12015	18145
11.00 - 20	8.00-20	SOLIDEAL RES 550	▪	-	41,7	10,1	3,8	14420	12015	14420	13095	12015	18145
12.00 - 20	8.00-20	SOLIDEAL RES 660	▪	-	42,9	11,1	3,4	16665	13890	16665	15135	13890	20975
12.00 - 20	8.00-20	SOLIDEAL RES 550	▪	-	42,9	11,1	3,4	16665	13890	16665	15135	13890	20975
12.00 - 20	8.00-20	SOLIDEAL HT	▪	-	42,8	10,2	3,3	16665	13890	16665	15135	13890	20975
12.00 - 20	8.00-20	SOLIDEAL SM	▪	-	42,8	10,4	3,3	16665	13890	16665	15135	13890	20975
12.00 - 20	8.50-20	SOLIDEAL RES 660	▪	-	42,9	11,1	3,4	16665	13890	16665	15135	13890	20975
12.00 - 20	8.50-20	SOLIDEAL RES 550	▪	-	42,9	11,1	3,4	16665	13890	16665	15135	13890	20975
12.00 - 20	8.50-20	SOLIDEAL HT	▪	-	43,1	10,2	3,3	16665	13890	16665	15135	13890	20975
12.00 - 20	10.00-20	SOLIDEAL RES 660	▪	-	42,9	11,1	3,4	17195	14330	17195	15620	14330	21640
12.00 - 20	10.00-20	SOLIDEAL RES 552	▪	-	42,9	13,1	3,4	17195	14330	17195	15620	14330	21640
12.00 - 20	10.00-20	SOLIDEAL SM	▪	-	42,8	12,4	3,4	17195	14330	17195	15620	14330	21640
12.00 - 20 - EW	10.00-20	SOLIDEAL RES 660	▪	-	46,8	13,5	3,6	17195	14330	17195	15620	14330	21640
465 / 55 - 20	10.00-20	SOLIDEAL RES 660	▪	-				23810	19840	23810	21625	19840	29960
<b>24"</b>													
12.00 - 24	8.00TG-24	SOLIDEAL HT	▪	-	46,4	10,9	3,9	17725	14770	17725	16105	14770	22300
12.00 - 24	8.50-24	SOLIDEAL RES 660	▪	-	46,7	11,1	3,9	17725	14770	17725	16105	14770	22300
12.00 - 24	8.50-24IRA	SOLIDEAL HT	▪	-	46,4	10,9	3,9	17725	14770	17725	16105	14770	22300
12.00 - 24	10.00-24IRA	SOLIDEAL SM	▪	-	47,9	12,8	3,8	19840	16535	19840	18025	16535	24965
14.00 - 24	10.00-24IRA	SOLIDEAL RES 550	▪	-	52,0	13,1	4,3	24470	20395	24470	22235	20395	30800
14.00 - 24	10.00-24IRA	SOLIDEAL HT	▪	-	52,0	13,1	4,4	24470	20395	24470	22235	20395	30800
<b>25"</b>													

### TREAD PATTERNS



RES XTREME NMAS    RES 660    RES 550    RES 330    RES 552 SEMI    HT    RIB    MIL    LUG    SM    SOLIDAIR LT    SOLIDAIR ZZRIB

# SOLID RESILIENT TIRES

## TECHNICAL DATA

TIRE SIZE	RIM SIZE <sup>1</sup>	PRODUCT NAME	HEEL		ACTUAL TIRE DIMENSIONS		WEARABLE HEIGHT (in)	LOAD-CAPACITY (lb) <sup>2</sup>					
			Normal	Quick	Overall-diameter (in)	Overall-width (in)		Counterbalanced lift trucks up to 16 mph		Other-vehicles <sup>3</sup>			Static 0 mph
								Load wheel	Steering wheel	Up to 4 mph	Up to 6 mph	Up to 16 mph	
14.00 - 25	11.25-25	SOLIDEAL MAGNUM SL	■	-	52,5	15,1	4,1	27515	22930	27515	24990	22930	34625
16.00 - 25	11.25-25	SOLIDEAL RES 550	■	-	56,9	16,4	4,9	33070	27560	33070	30040	27560	41610

### 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.**

### TREAD PATTERNS





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