

# SOLIDEAL ED PLUS



IMPERIAL UNIT

INDUSTRIAL  
PNEUMATIC



## A BALANCE OF DURABILITY, PERFORMANCE AND COMFORT.

Unique tread design delivers a smooth, comfortable ride with great overall tire life, while providing superior carcass strength and sidewall protection.

## PERFORMANCE

Tire Life



Puncture Resistance



Stability



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TIRE SIZE	PR	TUBE* & VALVE**	FLAP	RIM SIZE <sup>(1)</sup>		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (psi)	LOAD INDEX & SPEED SYMBOL		LOAD CAPACITY <sup>(2)</sup> Counterbalanced lift trucks (lbs)			
				Recom- mended	Alternative	Overall diameter (in)	Section width (in)	Original tread depth (in)	Static loaded radius (in)				Up to 16 mph		Up to 20 mph	
													Load wheel	Steering wheel	Load wheel	Steering wheel
5.00-8 (5.70-8)	10	JS2	90-8	3.00D	3.25I/3.75I	18.3	5.2	0.5	8.2	145.0	111	A5	3120	2403	3009	2238
16x6-8 (150/75-8)	14	V3-02-05	130-8	4.33R	-	16.5	5.8	0.5	7.5	123.3	111	A5	3120	2403	3009	2238
18x7-8 (180/70-8)	16	V3-02-05	130-8	4.33R	5.00F	18.1	6.2	0.6	8.1	145.0	125	A5	4729	3638	4552	3384
6.00-9	10	JS2	125-9	4.00E	-	20.7	5.9	0.5	9.3	123.3	118	A5	3781	2910	3638	2712
6.00-9	12	JS2	125-9	4.00E	-	21.1	6.4	0.5	9.5	145.0	121	A5	4156	3197	4001	2976
21x8-9 (200/75-9)	14	JS2	180-9	6.00E	7.00E	20.9	8.0	0.8	9.4	130.5	131	A5	5589	4299	5379	4001
6.50-10	10	JS2	140-10	5.00F	5.50F	23.1	6.7	0.6	10.4	112.4	122	A5	4299	3307	4134	3075
6.50-10	14	JS2	140-10	5.00F	5.50F	23.2	7.3	0.6	10.5	145.0	128	A5	5159	3968	4960	3693
23x9-10 (225/75-10)	18	JS2	180-10	6.50F	-	22.8	9.1	0.8	10.3	130.5	139	A5	6967	5357/178	6702	4982
7.00-12	12	TR75A	135-12	5.00S	-	26.6	7.6	0.6	12.0	123.3	133	A5	5908	4541	5677	4222
7.00-12	14	TR75A	135-12	5.00S	-	26.7	7.2	0.6	12.0	130.5	134	A5	6074	4674	5842	4343
23x10-12 (250/55-12)	16	JS2	210-12	8.00G	-	23.3	9.4	0.6	10.6	141.4	143	A5	7793	6008	7507	5589
27x10-12 (250/75-12)	20	V3-02-05	210-12	8.00G	-	26.9	9.9	0.7	12.1	130.5	152	A5	10174	7826	9788	7275
7.00-15	14	TR75A	180-15	5.50	5.00	30.0	8.0	0.7	13.5	130.5	141	A5	7385	5677	7099	5280
7.50-15	14	TR75A	180-15	6.00	5.50/6.50	30.9	8.3	0.8	14.1	134.2	144	A5	8025	6173	7716	5743
28x9-15 (8.15-15 & 225/75-15)	14	V3-02-08	180-15 HD	7.00	-	28.1	8.8	0.8	12.6	130.5	145	A5	8311	6393	7992	5941
28x9-15 (8.15-15 & 225/75-15)	16	V3-02-08	180-15 HD	7.00	-	28.1	8.8	0.8	12.9	141.4	148	A5	9028	6944	8686	6459
8.25-15 (7.50-15(32))	14	TR77A	180-15	6.50	6.00/7.00	33.2	9.1	0.7	15.0	116.0	149	A5	9314	7165	8962	6669
8.25-15 (7.50-15(32))	16	TR77A	180-15	6.50	6.00/7.00	33.3	9.9	0.7	15.0	134.2	152	A5	10174	7826	9788	7275
250-15 (250/70-15)	18	TR77A	180-15 HD	7.50	7.00	28.9	9.1	0.8	13.2	137.8	153	A5	10461	8047	10064	7485
300-15 (315/70-15)	18	TR78A	180-15 HD	8.00	-	32.5	11.5	1.0	14.7	116.0	161	A5	13261	10196	12743	9480
9.00-20	14	V3-02-14	200-20	7.00	6.50/7.50	41.2	11.3	0.9	18.7	130.5	160	A5	12897	9921	12401	9226
10.00-20	16	V3-02-14	200-20	7.50	7.00/8.00	41.7	11.2	0.8	18.9	130.5	164	A5	14330	11023	13779	10251
12.00-20	20	V3-02-14	200-20	8.50	8.00/10.00	44.6	13.0	1.3	20.2	145.0	175	A5	19775	15212	19015	14143

**WIDE FLAT PROFILE AND DEEP TREAD**

- Improves traction and life

**UNIQUE STAGGERED TREAD DESIGN**

- Reduces vibration which increases life and operator comfort



**WIDE SIDEWALL**

- Provides high side impact resistance
- Two times more rubber than standard tires

All tires available in non-marking compound



**Remarks**

- (1) Consult tire and wheel manufacturer for confirmation of the suitability of the tire/rim combination particularly with regard to rim profile and wheel strength.
- (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 tires are not used continuously at the load indicated by its Load Index and Speed Symbol. It does not refer to the length of time a vehicle is in use, but rather that there is a variation in load and/or speed.

\* Tube size is identical to tire size.

\*\* Table shows standard valves. Other valves on request.

**All tires come with tube and flap.**

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TIRE SIZE	PR	TUBE* & VALVE**	FLAP	RIM SIZE <sup>(1)</sup>		ACTUAL TIRE DIMENSIONS				INFLATION PRESSURE (bar)	LOAD INDEX & SPEED SYMBOL		LOAD CAPACITY <sup>(2)</sup> Counterbalanced lift trucks (kg)			
				Recom- mended	Alternative	Overall diameter (mm)	Section width (mm)	Original tread depth (mm)	Static loaded radius (mm)				Up to 25 kmh		Up to 35 kmh	
													Load wheel	Steering wheel	Load wheel	Steering wheel
5.00-8 (5.70-8)	10	JS2	90-8	3.00D	3.25I/3.75I	464	132	14	209	10.00	111	A5	1415	1090	1365	1015
16x6-8 (150/75-8)	14	V3-02-05	130-8	4.33R	-	420	147	13	191	8.50	111	A5	1415	1090	1365	1015
18x7-8 (180/70-8)	16	V3-02-05	130-8	4.33R	5.00F	459	157	16	207	10.00	125	A5	2145	1650	2065	1535
6.00-9	10	JS2	125-9	4.00E	-	526	151	14	237	8.50	118	A5	1715	1320	1650	1230
6.00-9	12	JS2	125-9	4.00E	-	536	163	14	241	10.00	121	A5	1885	1450	1815	1350
21x8-9 (200/75-9)	14	JS2	180-9	6.00E	7.00E	530	202	20	238	9.00	131	A5	2535	1950	2440	1815
6.50-10	10	JS2	140-10	5.00F	5.50F	587	170	15	264	7.75	122	A5	1950	1500	1875	1395
6.50-10	14	JS2	140-10	5.00F	5.50F	590	185	15	266	10.00	128	A5	2340	1800	2250	1675
23x9-10 (225/75-10)	18	JS2	180-10	6.50F	-	580	232	20	261	9.00	139	A5	3160	2430	3040	2260
7.00-12	12	TR75A	135-12	5.00S	-	675	194	16	305	8.50	133	A5	2680	2060	2575	1915
7.00-12	14	TR75A	135-12	5.00S	-	678	184	16	306	9.00	134	A5	2755	2120	2650	1970
23x10-12 (250/55-12)	16	JS2	210-12	8.00G	-	591	239	14	270	9.75	143	A5	3535	2725	3405	2535
27x10-12 (250/75-12)	20	V3-02-05	210-12	8.00G	-	683	252	19	308	9.00	152	A5	4615	3550	4440	3300
7.00-15	14	TR75A	180-15	5.50	5.00	762	202	17	344	9.00	141	A5	3350	2575	3220	2395
7.50-15	14	TR75A	180-15	6.00	5.50/6.50	784	212	20	357	9.25	144	A5	3640	2800	3500	2605
28x9-15 (8.15-15 & 225/75-15)	14	V3-02-08	180-15 HD	7.00	-	714	223	20	321	9.00	145	A5	3770	2900	3625	2695
28x9-15 (8.15-15 & 225/75-15)	16	V3-02-08	180-15 HD	7.00	-	714	223	20	328	9.75	148	A5	4095	3150	3940	2930
8.25-15 (7.50-15(32))	14	TR77A	180-15	6.50	6.00/7.00	844	232	19	381	8.00	149	A5	4225	3250	4065	3025
8.25-15 (7.50-15(32))	16	TR77A	180-15	6.50	6.00/7.00	845	252	19	380	9.25	152	A5	4615	3550	4440	3300
250-15 (250/70-15)	18	TR77A	180-15 HD	7.50	7.00	735	231	21	336	9.50	153	A5	4745	3650	4565	3395
300-15 (315/70-15)	18	TR78A	180-15 HD	8.00	-	825	292	26	373	8.00	161	A5	6015	4625	5780	4300
9.00-20	14	V3-02-14	200-20	7.00	6.50/7.50	1046	286	23	476	9.00	160	A5	5850	4500	5625	4185
10.00-20	16	V3-02-14	200-20	7.50	7.00/8.00	1060	284	21	481	9.00	164	A5	6500	5000	6250	4650
12.00-20	20	V3-02-14	200-20	8.50	8.00/10.00	1134	330	32	512	10.00	175	A5	8970	6900	8625	6415

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