

AEOLUS FORKLIFT TYRE



*Research &
Development*

CONTENT

1. Advanced technology application

2. Pneumatic forklift tyre developing

3. Solid tyre developing

1. Advanced technology application

In order to match the vehicle development needs, and meet customer's actual demand, R&D department team continue to improve technology method , to build a leading design platform, achieve the precise research and development.



Establish 3D design research platform:

- ✓ Dimension parameterization
- ✓ Pattern design
- ✓ Material distribution design
- ✓ Semi-finished product design
- ✓ Tire propaganda

1. Advanced technology application

Brand	Abrasion test (cm ³ /1.61km)	Cutting test (g)
ZX	0.18	2.1227
AEOLUS	0.15	1.6091

The compound test result shows that Aeolus tyre is better than the competitor.

2.Pneumatic forklift tyre

AIND11

- Suitable for the industrial forklift.
- Bigger pattern block ensures operation stability and service life.
- Special compound ensures the wear resistance.



SIZE	PR	AEOLUS CODE	TYPE	RIM	CHARACTERISTICS		LOAD CAPACITY(kg)								PRESSURE (kPa)	TREAD DEPTH(m m)	TUBE VALVE
							Counterbalanced Lift Trucks				Other's Industrial Vehicles						
							25km/h		35km/h		10km/h	25km/h	40km/h	50km/h			
							S(mm)	D(mm)	Drive wheel	Steering wheel							
6.50-10NHS	10	IN-3	TT	5.00F	175	590	1655	1400	1540	1230	1400	1030	920	885	790	14	DG02C
6.00-9NHS	10	AIND11	TT	4.00E	160	540	1505	1275	1400	1120	1275	940	835	805	860	14	DG02C
6.50-10NHS	10	AIND11	TT	5.00F	175	590	1655	1400	1540	1230	1400	1030	920	885	790	15.5	DG02C
7.00-12NHS	12	AIND11	TT	5.00S	190	676	2375	2005	2205	1765	2005	1480	1320	1265	860	17	DG02C
8.25-15NHS	14	AIND11	TT	6.5	235	840	3775	3185	3505	2800	3185	2350	2095	2010	830	20	DG05C
28×9-15NHS	14	AIND11	TT	7.0	220	710	3050	2575	2835	2265	2575	1900	1695	1625	970	19	DG07C

The tyre 28×9-15 NHS and 6.50-10NHS is available now, and the others will be available in the three months.

3.Solid tyre

AIND11

- Suitable for the industrial forklift.
- Special compound ensures the wear and puncture resistance, giving the tyre a long service life.
- Low rolling resistance saves the fuel consumption.
- Good toughness and impact and vibration resistance, making people feel very comfortable.



SIZE	AEOLUS CODE	RIM	CHARACTERISTICS		LOAD CAPACITY(kg)									
					Counterbalanced Lift Trucks						Other's Industrial Vehicles			
					10km/h		16km/h		25km/h		Static	6km/h	10km/h	25km/h
					Drive wheel	Steering wheel	Drive wheel	Steering wheel	Drive wheel	Steering wheel				
6.00-9/4.00	AIND11	4.00E-9	545	160	1975	1520	1805	1390	1675	1290	2065	1675	1520	1290
6.50-10/5.00	AIND11	5.00F-10	597	178	2715	2090	2485	1910	2310	1775	2840	2310	2095	1775
7.00-12/5.00	AIND11	5.00S-12	683	192	3105	2390	2835	2810	2635	2025	3240	2635	2390	2025
18×7-8/4.33	AIND11	4.33R-8	457	170	2430	1870	2215	1705	2060	1585	2535	2060	1870	1585
28×9-15/7.0	AIND11	7.0-15	706	225	4060	3125	3710	2855	3445	2650	4240	3445	3125	2650