



Load Capacities up to 6000kg

- Suitable for most floors
- Good wear resistance and high load capacity
- Non-marking
- Resists flat spotting when stationary
- Normal operating temperature between -30°C and +80 °C
- Resistant to a wide range of oils, greases, brine and most industrial solvents
- Polyurethane hardness may be varied to suit type of application
- 12 month warranty

The most versatile of materials, polyurethane wheels are suitable for most applications from hospital trolleys to gantry cranes.

They have high tear strength, excellent abrasion resistance and a life span of several times longer than the equivalent in rubber under similar load and conditions.

They also offer the advantages of low rolling resistance (meaning less worker fatigue), non-marking, good floor protection and excellent resistance to flat spotting when left for long periods under heavy load.

Under normal operating conditions, the effective temperature ranges for polyurethane is between -30°C and +80°C.

Polyurethane is also resistant to a wide range of oils, greases, brine and most industrial solvents. We have included a table of chemical resistance in our technical data section for reference.

Alternatives in hardness offer varying characteristics to suit a wide range of applications. For instance, hardness at a soft 80 shore A provides good shock absorbency and increased wear resistance compared to rubber; while our standard range of 95 shore A is the ideal balance between capacity and resilience. Where extreme low rolling resistance and high capacity is required, we offer a range of wheels in 70 shore D.

Most wheels used in Super, Extra Heavy and Heavy Industrial castors are moulded onto a cast iron centre that has been machined to a unique pattern. This design increases the bonding surface and reduces the possibility of the polyurethane delaminating under side load.

Where the wheel is used for high speed towing above 16 kph or as a drive wheel, heat build up may result in the polyurethane becoming brittle and subject to premature failure. Please contact your nearest Lemcol representative to confirm suitability under your conditions.

12 Month Warranty

This range carries our standard 12 month warranty against faulty workmanship and materials, and is backed by a service and parts network Australia wide.



CUSHION TYRED WHEEL SPECIFICATIONS											
Dia	Width	Capacity	Wheel Model No.	Hardness	Bearing	Boss Width	Bore Dia.	Sleeved Length	Bore	Centre	Blackwoods Code
75	32	60	L63720	90 A	Ball	41	8			Plastic	01057339
100	30	125	L4541PUR	95 A	Roller	45	12			Polymer	
100	32	80	L64720	85 A	Ball	41	8			Plastic	01057594
100	32	80	L64720S	85 A	S/Stl Ball	41	8			Plastic	
100	40	160	L834PU	80 A	Prec Ball	41	20	64	16	Cast Iron	00299625
100	40	400	L835PU	95 A	Prec Ball	41	20	64	1/2"	Cast Iron	01057951
100	50	260	L84710	95 A	Roller	60	3/4"	62	1/2"	Polymer	01057764
100	50	280	L84410	95 A	Roller	60	3/4"	62	1/2"	Cast Iron	01057815
100	50	400	L74410	70 D	Roller	60	3/4"	62	1/2"	Cast Iron	03274241
125	32	100	L65720	85 A	Ball	41	8			Plastic	01058070
125	32	100	L65720S	85 A	S/Stl Ball	41	8			Plastic	
125	45	500	L837PU	95 A	Prec Ball	41	20	64	1/2"	Cast Iron	01058495
125	50	340	L85710	95 A	Roller	60	3/4"	62	1/2"	Polymer	01058308
125	50	360	L85410	95 A	Roller	60	3/4"	62	1/2"	Cast Iron	01058359
125	50	500	L75410	70 D	Roller	60	3/4"	62	1/2"	Cast Iron	03274258
150	32	100	L66720	85 A	Ball	41	8			Plastic	01051151
150	40	400	L6543PUR	95 A	Roller	60	12	61	20	Polymer	
150	48	300	L716PU	95 A	Prec Ball	41	20	64	1/2"	Demountable	
150	50	400	L86410	95 A	Roller	60	3/4"	62	1/2"	Cast Iron	01058648
150	50	400	L86710	95 A	Roller	60	3/4"	62	1/2"	Polymer	01058716
150	50	600	L76410	70 D	Roller	60	3/4"	62	1/2"	Cast Iron	03274275
150	50	680	L841PU	95 A	Prec Ball	41	20	64	1/2"	Cast Iron	01339000
150	75	850	L850PU	95 A	Prec Ball	56	30	89	1"	Cast Iron	01058954
150	75	1800	LV6430	70 D	Prec Ball	56	30	89	3/4"	Cast Iron	
200	48	400	L726PU	95 A	Prec Ball	41	20	64	1/2"	Demountable	
200	50	400	L88430-80A	80 A	Prec Ball	41	20	64	1/2"	Cast Iron	
200	50	400	L88710	95 A	Roller	60	3/4"	62	1/2"	Polymer	01056251
200	50	540	L88410	95 A	Roller	60	3/4"	62	1/2"	Cast Iron	01056217
200	50	700	L78410	70 D	Roller	60	3/4"	62	1/2"	Cast Iron	03274292
200	50	1000/550	L844PU	95 A	Prec Ball	41	20	64	1/2"	Cast Iron	01277504
200	75	650/400	L854PU-80A	80 A	Prec Ball	56	30	89	3/4"	Cast Iron	03315296
200	75	1200/850	L854PU	95 A	Prec Ball	56	30	89	3/4"	Cast Iron	01056064
200	75	1000/750	L855PU	95 A	Prec Ball	56	30	89	3/4"	Cast Iron	01391950
200	75	2000/1000	L856PU	70 D	Prec Ball	56	30	89	3/4"	Cast Iron	01056098
250	64	900	L810410	95 A	Roller	70	1"	72	1/2"	Cast Iron	
250	75	1400/900	L861PU	95 A	Prec Ball	56	30	89	3/4"	Cast Iron	01055945
250	75	1400/900	L862PU	95 A	Prec Ball	56	30	89	1"	Cast Iron	00027863
250	75	2000/1300	L863PU	70 D	Prec Ball	56	30	89	3/4"	Cast Iron	01055843
250	75	2000/1300	L864PU	95 A	Prec Ball	56	30	89	1"	Cast Iron	
250	100	1800/1200	L753PU	95 A	Prec Ball	114	35			Cast Iron	01055911
250	100	5000/3000	L756PU	70 D	Taper	120	35			Cast Iron	01055826
300	75	2000/1350	L870PU	70 D	Prec Ball	56	30	80	3/4"	Cast Iron	01055775
300	100	1200/850	L752PU	95 A	Keyed 14x9	114	50			Cast Iron	01055792
300	100	2500/1800	L751PU	95 A	Prec Ball	114	35			Cast Iron	05063664
300	100	5000/3000	L755PU	70 D	Taper	120	35			Cast Iron	01055724
400	125	6000/4000	LY16450	70 D	Sph Roller	140	40			Cast Iron	01055690

Dual Load Capacity Ratings - Lower figures apply to towable wheels at 16kph max



Models and specifications are subject to change without notice, all dimensions are nominal

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