

Off-The-Road Tyre Solutions

EMERALD

PRESS-ONBAND

emraldtyres.com

Emerald Resilient Tyre Manufacturers Pvt. Ltd. - Market leader in industrial tyre and wheel segment in India offers customised solutions through it's range of products that meets the diversified requirements of material handling industry at large in the globe.

Emerald offers variable versions in press on segment that meet every single application requirement of the customer. This is achieved through the optimum combination of high quality raw material usage, superior compounding techniques, unique design features and indigenously researched technology.

FEATURES

- Wear resistant tread compound for extended life
- Wider tread profile for reduced work load
- Low rolling resistance design for higher energy efficiency
- Superior bonding technology for trouble free running
- Wider range covering popular sizes
- Tread pattern in Smooth & Pattern
- Available in Non-Marker, Polyurethane versions
- Customised compounds available on request

RANGE

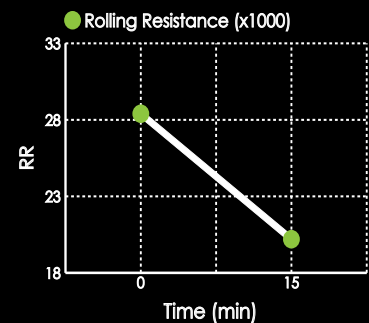
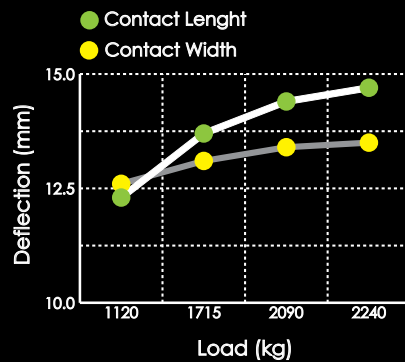
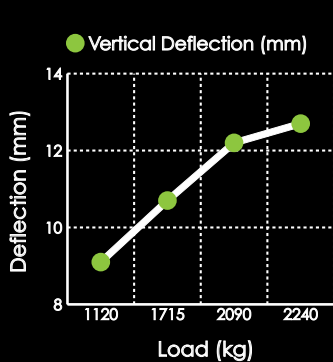


KEY PERFORMANCE PARAMETERS*

DEFLECTION
OPTIMISED for overall tyre performance

CONTACT AREA
HIGHER for improved tyre life

ROLLING RESISTANCE
LOWER for improved energy efficiency and extended battery life



*Test results for size: 18 x 6 x 12 1/ 8 - Greckster

TECHNICAL SPECIFICATION

NOMINAL DIMENSIONS (inch)	S	L	NOMINAL DIMENSIONS (mm)	UPTO 10 kmph		UPTO 16 kmph		UPTO 25 kmph		OTHER VEHICLES UPTO 16 kmph
				LOAD WHEEL (kg)	STEER WHEEL (kg)	LOAD WHEEL (kg)	STEER WHEEL (kg)	LOAD WHEEL (kg)	STEER WHEEL (kg)	
10 x 5 x 6 1/4	•	•	254 x 127 x 158.8	1030	840	915	770	745	610	730
13 x 3 x 8		•	330 x 76.2 x 203.2			600	485			
13 x 4 1/2 x 8		•	330 x 114 x 203.2	1120	920	1000	840	815	670	800
13 x 5 1/2 x 8		•	343 x 140 x 203.2			1345	1130			
14 x 4 1/2 x 8		•	356 x 114 x 203.2	1170	960	1045	875	850	695	830
15 1/2 x 5 x 10	•	•	394 x 152 x 254	1870	1530	1665	1400	1355	1110	1330
		•	400 x 128 x 305			1350	1100			
		•	400 x 100 x 310			1000	800			
		•	405 x 120 x 305			1300	875			
16 x 5 x 10 1/2	•	•	406 x 127 x 266.7	1510	1240	1345	1130	1095	895	1080
16 x 6 x 10 1/2	•	•	406 x 152 x 266.7	1910	1570	1710	1435	1390	1140	1360
16 x 6 x 11 1/2		•	406 x 152 x 295			1600	1400			
16 1/4 x 5 x 11 1/4	•	•	413 x 127 x 285.8	1530	1250	1360	1145	1105	905	1090
16 1/4 x 6 x 11 1/4	•	•	413 x 152 x 285.8	1920	1580	1715	1440	1395	1140	1370
17 x 5 x 12 1/8		•	432 x 127 x 308			1400	1180			
17 1/4 x 5 x 11 1/4		•	438 x 127 x 285.8			1500	1250			
		•	450 x 130 x 320			1300	1100			
		•	450 x 160 x 320			1600	1350			
18 x 5 x 12 1/8	•	•	457 x 127 x 308	1640	1350	1470	1230	1195	980	1170
18 x 6 x 12 1/8	•	•	457 x 152 x 308	2100	1720	1870	1575	1525	1250	1500
18 x 7 x 12 1/8	•	•	457 x 178 x 308	2550	2100	2280	1910	1855	1520	1820
18 x 8 x 12 1/8	•	•	457 x 203 x 308	3000	2475	2680	2250	2180	1790	2150
18 x 9 x 12 1/8	•	•	457 x 229 x 308	3450	2850	3090	2600	2510	2060	2475
		•	530 x 160 x 370			2100	1800			
21 x 5 x 15		•	533 x 127 x 381			1640	1385			
21 x 7 x 15	•	•	533 x 178 x 381	2875	2350	2560	2150	2085	1710	2050
21 x 8 x 15	•	•	533 x 203 x 381	3375	2775	3025	2540	2455	2015	2425
21 x 9 x 15		•	533 x 229 x 381	3900	3200	3475	2920	2830	2320	2775
20 x 6 x 16	•	•	508 x 152 x 406.4			2010	1690			
20 x 8 x 16	•	•	508 x 203 x 406.4	3010	2470	2685	2255	2185	1790	2150
22 x 6 x 16		•	559 x 152 x 406.4	2450	2000	2180	1830	1770	1450	1740
22 x 7 x 16		•	559 x 178 x 406.4	2975	2450	2650	2230	2160	1770	2125
22 x 8 x 16	•	•	559 x 203 x 406.4	3500	2875	3130	2625	2545	2085	2500
22 x 9 x 16	•	•	559 x 229 x 406.4	4050	3325	3600	3025	2930	2400	2875
22 x 12 x 16		•	559 x 305 x 406			5030	4225			
22 x 12 x 17 3/4		•	559 x 305 x 451			4300	3610			
22 x 14 x 16		•	559 x 356 x 406			5990	5030			
		•	580 x 340 x 406			6000	5100			
		•	630 x 220 x 480			3500	2950			
26 x 7 x 20		•	660 x 178 x 508			2880	2420			
28 x 8 x 22		•	711 x 203 x 559			3990	3360			
28 x 10 x 22		•	711 x 254 x 559			4985	4200			
28 x 12 x 22		•	711 x 305 x 559	6750	5545	6025	5060	4890	4005	4800
28 x 15 x 22		•	711 x 381 x 559			7800	6500			

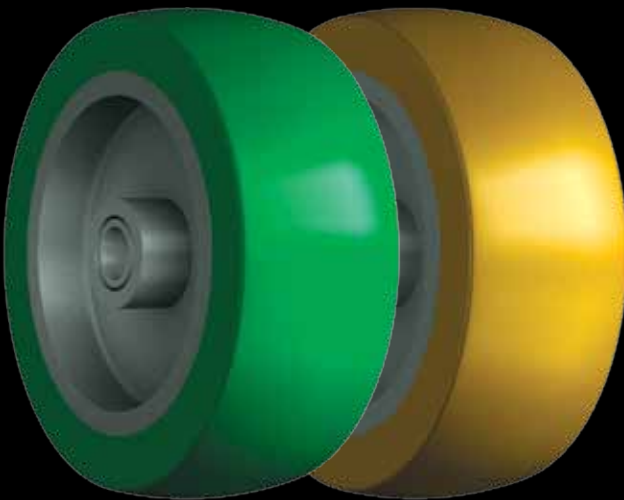
NON - MARKERS



- Emerald is a pioneer in the manufacturing of speciality compound that meets the demands of special operating conditions and working environment.
- Non-Markers are meant to be used to keep the floor condition clean eliminating black foot print problem in shop floor / Epoxy coated surface.
- Non-Markers find its application in Food & Beverages, Pharmaceuticals industries, Warehouse and other clean floor applications.
- Emerald Non-Markers are designed to offer exceptional wear property and low rolling resistance characteristics.
- Emerald also offers other speciality version that includes Anti-static tyres, Anti-abrasive tyres, Anti-skid tyres besides other customised compounds.

CAUTION: Non-Marker should be used with Earthing Strips only to avoid static electricity build up

POLYURETHANE (PU) PRESS-ONS



- Emerald is specialised in the manufacturing PU based Press-ons & Direct bonding wheels.
- Emerald PU based products offers exceptional dynamic properties and available in popular press-on size range.
- Designed for enhanced performance using high tensile compound.
- Offers superior abrasion resistance & low rolling resistance properties.
- Unique process technology for excellent bonding properties of PU compound with high quality steel base.
- Optimum PU Hardness – 90-95 Degree Shore A.
- Wheel designed with popular Flat / Crown profile.
- PU wheel core in Mild steel, Cast iron & Aluminium versions.
- Direct bonding wheel designed to the required mounting hole profile.
- More new sizes available on demand.

KEY APPLICATIONS

- FORK LIFTS • TROLLEYS • PALLET TRUCKS • STACKERS • ROTATORS



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