MATERIAL HANDLING TIRES
TECHNICAL DATA BOOK

September 2020

MATERIAL HANDLING
TECHNICAL BOOK

INDEX

ULTIMATE GREEN XT

PREMIUM PLUS

Heavier loads, rougher surfaces, longer distances, higher speeds and a smoother ride with utmost dependability. Our advanced natural rubber compounds made with the latest technology makes this possible. ULTIMATE XT has a modern and highly functional design and tread pattern that suits extreme terrain applications and provides optimal grip, traction and high performance. High-tensile creel bead wires ensure secure and optimum fitment to every wheel. It is available in non-marking and clip-type tires in a full range of sizes including the extra wide, extra thick rim guard and sidewall.

Features

- Greater lug depth and optimized aspect ratio
- Low rolling resistance
- Excellent abrasion resistance tread compound with greater tread volume
- Small tread lug gaps and two circumferential angled grooves
- Resist chunking, blow-outs and heat-caused separations
- Availability of non-marker tire in all sizes
- Availability of antistatic tire
- Very high mileage

Benefits

- Excellent traction with exceptional grip
- Excellent driving comfort due to optimum suspension and absorption
- Low energy consumption and low co2 emissions
- Reduced replacement and maintenance costs
- Extremely quite running and outstanding lateral guidance
- No skid marks in the workspace with zero carbon emission
- Maximum stability, safety and comfort
- Electro statically effective with a electrical resistance of less than 1MΩ

Tyre Size		Rim Size	Clip on	Profile	Tire dimensions		Tire dimensions		Other Vehicles load capacity (Kg)		Tire load capacity on forklifts at Max. Speed			
											16 Miles/h (Lbs)		25 Km/h (Kg)	
					Max width ±1% (mm)	OD ± 2% (mm)	Max width ±1% (inch)	OD ± 2% (Inch)	6 Km/h	10 Km/h	Load wheel	Steer wheel	Load wheel	Steer wheel
4.00-8		3.00 D-8	•	UT	106	406	4.17	15.98	950	860	2095	1610	950	730
5.00-8		3.00 D-8	•	UT	120	446	4.72	17.56	1415	1285	3120	2405	1415	1090
5.00-8-2		3.00 D-8		SM	116	446	4.57	17.56	1415	1285	3120	2403	1415	1090
15x4 1/2-8	125/75-8	3.00 D-8	•	UT	114	377	4.49	14.84	1040	945	2295	1765	1040	800
16x6-8	150/75-8	4.33 R-8	•	UT	151	411	5.94	16.18	1455	1360	3210	2535	1455	1150
18x7-8	180/70-8	4.33 R-8	•	UT	153	453	6.02	17.83	2145	1945	4730	3640	2145	1650
140/55-9		4.00 E-9	•	UT	129	375	5.08	14.76	1170	1060	2580	1986	1170	900
6.00-9		4.00 E-9	•	UT	137	519	5.39	20.43	1885	1710	4155	3195	1885	1450
6.00-9		4.00 E-9		SM	140	520	5.51	20.47	1885	1710	4156	3197	1885	1450
21x8-9	200/75-9	6.00 E-9	•	UT	186	518	7.32	20.39	2755	2505	6075	4675	2755	2120
180/60-10		5.00F-10	•	UT	165	456	6.50	17.95	2410	2180	5315	4080	2410	1850
6.50-10		5.00 F-10	•	UT	160	561	6.30	22.09	2340	2125	5160	3970	2340	1800
200/50-10		6.50 F-10	•	UT	190	455	7.48	17.91	2470	2240	5445	4190	2470	1900
23x9-10	225/75-10	6.50 F-10	•	UT	200	580	7.87	22.83	3445	3125	7595	5840	3445	2650
7.00-12		5.00 S-12	•	UT	171	651	6.73	25.63	2920	2645	6435	4940	2920	2240
23x10-12		8.00 G-12	•	UT	233	578	9.17	22.76	3770	3420	8310	6390	3770	2900
23x12-12	315/45-12	10.00 G-12	•	UT	284	584	11.18	22.99	4485	4070	9885	7600	4485	3450
27x10-12	250/75-12	8.00 G-12	•	UT	237	677	9.33	26.65	3900	3540	8600	6615	3900	3000
7.00-15		5.50-15	•	UT	175	722	6.89	28.43	3545	3215	7815	6005	3545	2725
250-15	250/70-15	7.00-15	•	UT	221	722	8.70	28.43	4750	4300	10470	8045	4750	3650
250-15	250/70-15	7.50-15	•	UT	221	722	8.70	28.43	4750	4300	10470	8045	4750	3650
8.15-15 (28x9-15)	225/75-15	7.00-15	•	UT	217	691	8.54	27.20	3900	3540	8310	6390	3770	2900
8.25-15		6.50-15	•	UT	212	810	8.35	31.89	4750	4300	10470	8045	4750	3650
300-15	315/70-15	8.00-15	•	UT	250	824	9.84	32.44	5850	5310	12895	9920	5850	4500
28x12.5-15	355/45-15	9.75-15	•	UT	292	697	11.50	27.44	5525	5015	12185	9375	5525	4250
355/50-15		9.75-15	•	UT	295	713	11.61	28.07	5525	5015	12185	9375	5525	4250
355/65-15		9.75-15	•	UT	300	821	11.81	32.32	7800	6430	17190	13230	7800	6000
9.00-20		6.50-20		UT	224	974	8.82	38.35	5340	5200	11775	9813	5340	4450
9.00-20		7.00-20		UT	224	974	8.82	38.35	5340	5200	11775	9813	5340	4450
10.00-20		7.00-20		UT	255	1016	10.04	40.00	6000	5450	13227	11022	6000	5000
10.00-20		7.50-20		UT	255	1016	10.04	40.00	6000	5450	13227	11022	6000	5000
10.00-20		8.00-20		UT	255	1016	10.04	40.00	6000	5450	13227	11022	6000	5000
12.00-20		8.00-20		UT	269	1090	10.59	42.91	7500	6810	16532	13777	7500	6250
12.00-20		8.50-20		UT	269	1090	10.59	42.91	7500	6810	16532	13777	7500	6250
12.00-20		10.00-20		UT	297	1090	11.70	42.91	7765	7050	17119	14262	7765	6470
355/50-20		10.00-20	•	SM	315	831	12.40	32.72	8990	8160	19820	15245	8990	6915

PEAKMASTER

PREMIUM

An industrial solid tire that incorporates state of the art technology and our advanced formulation. The PEAKMASTER is built with advanced natural rubber compounds for optimum performance. Its high-tensile creel bead wires ensure ideal wheel fitment. It has a wide profile, extra wide rim guard, sidewall and an aggressive self-cleaning lug pattern. The PEAKMASTER is built for internal combustion as well as electric forklifts, enabling them to take on tough and rugged terrains with confidence.

Features

- Greater lug depth and optimized aspect ratio
- Low rolling resistance
- Excellent abrasion resistance tread compound with greater tread volume
- Small tread lug gaps and two circumferential angled grooves
- Availability of non-marker tire in all sizes
- Availability of antistatic tire
- High mileage

Benefits

- Good traction with a firm grip
- Good driving comfort owing to optimum suspension and absorption
- Low energy consumption and low co2 emissions
- Reduced replacement and maintenance costs
- Very quite running and outstanding lateral guidance
- No skid marks in the workspace with zero carbon emission
- Maximum stability, safety and comfort
- Electro statically effective with a electrical resistance of less than 1MΩ

Tyre Size		Rim Size	Clip on	Profile	Tire dimensions		Tire dimensions		Other Vehicles load capacity (Kg)		Tire load capacity on forklifts at Max. Speed			
											16 Miles/h (Lbs)		25 Km/h (Kg)	
					Max width ±1% (mm)	OD ± 2% (mm)	Max width ±1% (inch)	OD ± 2% (Inch)	6 Km/h	10 Km/h	Load wheel	Steer wheel	Load wheel	Steer wheel
4.00-4		2.10-4		PM	99	304	3.90	11.97	535	485	1180	910	535	412
4.00-4		2.50-C-4		PM	99	304	3.90	11.97	535	485	1180	910	535	412
4.00-8		3.00 D-8	●	PM	106	406	4.17	15.98	950	860	2095	1610	950	730
5.00-8		3.00 D-8	●	PM	120	446	4.72	17.56	1415	1285	3120	2405	1415	1090
15x4 1/2-8	125/75-8	3.00 D-8	●	PM	114	377	4.49	14.84	1040	945	2295	1765	1040	800
16x6-8	150/75-8	4.33 R-8	●	PM	151	411	5.94	16.18	1455	1360	3210	2535	1455	1150
18x7-8	180/70-8	4.33 R-8	●	PM	153	453	6.02	17.83	2145	1945	4730	3640	2145	1650
140/55-9		4.00 E-9	●	PM	129	375	5.08	14.76	1170	1060	2580	1986	1170	900
6.00-9		4.00 E-9	●	PM	137	519	5.39	20.43	1885	1710	4155	3195	1885	1450
21x8-9	200/75-9	6.00 E-9	●	PM	186	518	7.32	20.39	2755	2505	6075	4675	2755	2120
6.50-10		5.00 F-10	●	PM	160	561	6.30	22.09	2340	2125	5160	3970	2340	1800
200/50-10		6.50 F-10	●	PM	190	455	7.48	17.91	2470	2240	5445	4190	2470	1900
23x9-10	225/75-10	6.50 F-10	●	PM	200	580	7.87	22.83	3445	3125	7595	5840	3445	2650
7.00-12		5.00 S-12	●	PM	172	650	6.77	25.59	2920	2645	6435	4940	2920	2240
23x10-12		8.00 G-12	●	PM	233	578	9.17	22.76	3770	3420	8310	6390	3770	2900
27x10-12	250/75-12	8.00 G-12	●	PM	237	677	9.33	26.65	3900	3540	8600	6615	3900	3000
7.00-15		5.50-15	●	PM	180	722	7.09	28.43	3545	3215	7815	6005	3545	2725
7.50-16		6.00-16		PM	207	777	8.15	30.59	3965	3540	8740	6745	3965	3060
8.00-16		6.00-16		PM	207	777	8.15	30.59	3965	3540	8740	6745	3965	3060
250-15	250/70-15	7.00-15	●	PM	222	722	8.74	28.43	4750	4300	10470	8045	4750	3650
250-15	250/70-15	7.50-15	●	PM	222	722	8.74	28.43	4750	4300	10470	8045	4750	3650
8.15-15 (28x9-15)	225/75-15	7.00-15	●	PM	217	691	8.54	27.20	3770	3420	8310	6390	3770	2900
8.25-15		6.50-15	●	PM	212	810	8.35	31.89	4750	4300	10470	8045	4750	3650
300-15	315/70-15	8.00-15	●	PM	250	824	9.84	32.44	5850	5310	12895	9920	5850	4500
28x12.5-15	355/45-15	9.75-15	●	PM	292	697	11.50	27.44	5525	5015	12185	9375	5525	4250
355/65-15		9.75-15	●	PM	300	819	11.81	32.24	7800	6430	17190	13230	7800	6000

GLOBESTAR WT

UNIVERSAL

GLOBESTAR Wide-Tread is a universal solid tire, built with natural-rubber compounds that consistently delivers assured performance. It is one of the widest tires in the industry. The wide-tread and flat crown radius is designed for maximum tire life. The deep lugs of GLOBESTAR WT serve to give the best traction with high stability in normal working environments. The wide-tread also prevents tire distortion while cornering.

Features

- Increased lug depth and optimized aspect ratio
- Contemporary tread design with wide shoulders provides durability and even wear
- Reduced heat build-up with very low rolling resistance
- Three-stage tire with a center core that significantly reduces driver fatigue
- Low rolling resistance
- High abrasion resistance tread
- Availability of non - marker tire in all sizes
- Availability of antistatic tire

Benefits

- Good traction with a firm grip
- Good driving comfort owing to optimum suspension and absorption
- Low energy consumption and low co2 emissions
- Reduced replacement and maintenance costs
- Quite running and outstanding lateral guidance
- No skid marks in the workspace with zero carbon emission
- Maximum stability, safety and comfort
- Electro statically effective with a electrical resistance of less than 1MΩ

Tyre Size		Rim Size	Clip on	Profile	Tire dimensions		Tire dimensions		Other Vehicles load capacity (Kg)		Tire load capacity on forklifts at Max. Speed			
											16 Miles/h (Lbs)		25 Km/h (Kg)	
					Max width ±1% (mm)	OD ± 2% (mm)	Max width ±1% (inch)	OD ± 2% (Inch)	6 Km/h	10 Km/h	Load wheel	Steer wheel	Load wheel	Steer wheel
4.00-4		2.10 -4		GS-WT	97	304	3.82	11.97	535	485	1180	910	535	412
4.00-4		2.50 C-4		GS-WT	97	304	3.82	11.97	535	485	1180	910	535	412
4.00-8		3.00 D-8	•	GS-WT	104	403	4.09	15.87	950	860	2095	1610	950	730
5.00-8		3.00 D-8	•	GS-WT	115	444	4.53	17.48	1415	1285	3120	2405	1415	1090
15x4 1/2-8	125/75-8	3.00 D-8	•	GS-WT	115	374	4.53	14.72	1040	945	2295	1765	1040	800
16x6-8	150/75-8	4.33 R-8	•	GS-WT	138	406	5.43	15.98	1455	1360	3210	2535	1455	1150
18x7-8	180/70-8	4.33 R-8	•	GS-WT	152	451	5.98	17.76	2145	1945	4730	3640	2145	1650
140/55-9		4.00 E-9	•	GS-WT	129	377	5.08	14.84	1170	1060	2580	1986	1170	900
6.00-9		4.00 E-9	•	GS-WT	139	517	5.47	20.35	1885	1710	4155	3195	1885	1450
21x8-9	200/75-9	6.00 E-9	•	GS-WT	179	514	7.05	20.24	2755	2505	6075	4675	2755	2120
6.50-10		5.00 F-10	•	GS-WT	156	563	6.14	22.17	2340	2125	5160	3970	2340	1800
200/50-10		6.50 F-10	•	GS-WT	191	455	7.52	17.91	2470	2240	5445	4190	2470	1900
23x9-10	225/75-10	6.50 F-10	•	GS-WT	197	580	7.76	22.83	3445	3125	7595	5840	3445	2650
7.00-12		5.00 S-12	•	GS-WT	167	645	6.57	25.39	2920	2645	6435	4940	2920	2240
23x10-12	250/60-12	8.00 G-12	•	GS-WT	232	580	9.13	22.83	3770	3420	8310	6390	3770	2900
27x10-12	250/75-12	8.00 G-12	•	GS-WT	243	670	9.57	26.38	3900	3540	8600	6615	3900	3000
7.00-15		5.50-15	•	GS-WT	174	704	6.85	27.72	3545	3215	7815	6005	3545	2725
7.00-15		6.00-15	•	GS-WT	174	704	6.85	27.72	3545	3215	7815	6005	3545	2725
8.15-15 (28x9-15)	225/75-15	7.00-15	•	GS-WT	214	680	8.43	26.77	3770	3420	8310	6390	3770	2900
8.25-15		5.50-15	•	GS-WT	209	806	8.23	31.73	4750	4300	10470	8045	4750	3650
8.25-15		6.50-15	•	GS-WT	209	806	8.23	31.73	4750	4300	10470	8045	4750	3650
250-15	250/70-15	7.00-15	•	GS-WT	216	709	8.50	27.91	4750	4310	10470	8045	4750	3650
250-15	250/70-15	7.50-15	•	GS-WT	216	709	8.50	27.91	4750	4310	10470	8045	4750	3650
300-15	315/70-15	8.00-15	•	GS-WT	262	811	10.31	31.93	5850	5310	12895	9920	5850	4500
355/65-15		9.75-15	•	GS-WT	290	819	11.42	32.24	7800	6430	17190	13230	7800	6000
9.00-20		6.50-20		GS-WT	231	970	9.09	38.19	5340	5200	11770	9810	5340	4450
9.00-20		7.00-20		GS-WT	231	970	9.09	38.19	5340	5200	11770	9810	5340	4450
10.00-20		7.00-20		GS-WT	248	1005	9.76	39.57	6000	5450	13230	11025	6000	5000
10.00-20		7.50-20		GS-WT	248	1005	9.76	39.57	6000	5450	13230	11025	6000	5000
10.00-20		7.50-20	•	GS-WT	248	1005	9.76	39.57	6000	5450	13230	11025	6000	5000
10.00-20		8.00-20		GS-WT	248	1005	9.76	39.57	6000	5450	13230	11025	6000	5000
12.00-20		7.50-20		GS-WT	284	1084	11.18	42.68	7500	6810	16535	13780	7500	6250
12.00-20		8.00-20		GS-WT	284	1084	11.18	42.68	7500	6810	16535	13780	7500	6250
12.00-20		8.50-20		GS-WT	284	1084	11.18	42.68	7500	6810	16535	13780	7500	6250

THE PERFORMER

VALUE

THE PERFORMER proves itself as one of the most cost-effective tires in its class. It is a two-stage tire that has good tensile strength and provides a firm but smooth ride. Our creel bead technology ensures secure and safe fitment to all forklift wheels and rims. THE PERFORMER is excellent for light and intermittent use in all material handling applications.

Features

- Two stage tire
- Square footprint
- Increased lug depth
- Optimized aspect ratio
- Low rolling resistance
- High abrasion resistance tread

Benefits

- Optimized performance at lower cost
- Even wear and increased stability
- Improved traction with good grip
- Moderate driving comfort due to optimum suspension and absorption
- Low energy consumption and reduced co2 emissions
- Good mileage

Tyre Size		Rim Size	Clip on	Profile	Tire dimensions		Tire dimensions		Tire load capacity on forklifts at Max. Speed			
									12 Miles/h (Lbs)		20 Km/h (Kg)	
					Max width ±1% (mm)	OD ± 2% (mm)	Max width ±1% (inch)	OD ± 2% (Inch)	Load wheel	Steer wheel	Load wheel	Steer wheel
4.00-8		3.00 D-8	●	GS	104	406	4.09	15.98	2095	1610	950	730
5.00-8		3.00 D-8	●	GS	116	446	4.57	17.56	3120	2405	1415	1090
15x4 1/2-8	125/75-8	3.00 D-8	●	GS	103	377	4.06	14.84	2295	1765	1040	800
16x6-8	150/75-8	4.33 R-8	●	GS	139	407	5.47	16.02	3210	2535	1455	1150
18x7-8	180/70-8	4.33 R-8	●	GS	153	451	6.02	17.76	4730	3640	2145	1650
6.00-9		4.00 E-9	●	GS	139	520	5.51	20.47	4155	3195	1885	1450
21x8-9	200/75-9	6.00 E-9	●	GS	174	516	6.85	20.31	6075	4675	2755	2120
6.50-10		5.00 F-10	●	GS	153	565	6.02	22.24	5160	3970	2340	1800
200/50-10		6.50 F-10	●	GS	188	456	7.40	17.95	5445	4190	2470	1900
23x9-10	225/75-10	6.50 F-10	●	GS	188	582	7.52	22.80	7595	5840	3445	2650
7.00-12		5.00 S-12	●	GS	164	647	6.46	25.47	6435	4940	2920	2240
23x10-12		8.00 G-12	●	GS	234	580	9.21	22.83	8310	6390	3770	2900
27x10-12	250/75-12	8.00 G-12	●	GS	232	675	9.13	26.50	8600	6615	3900	3000
7.00-15		5.50-15	●	GS	175	705	7.01	27.76	7815	6005	3545	2725
7.00-15		6.00-15	●	GS	175	705	7.01	27.76	7815	6005	3545	2725
250-15	250/70-15	7.00-15	●	GS	211	712	8.43	28.03	10470	8045	4750	3650
250-15	250/70-15	7.50-15	●	GS	211	712	8.43	28.03	10470	8045	4750	3650
8.15-15 (28x9-15)	225/75-15	7.00-15	●	GS	202	681	8.23	26.81	8310	6390	3770	2900
8.25-15		5.50-15	●	GS	194	809	7.64	31.85	10470	8045	4750	3650
8.25-15		6.50-15	●	GS	193	809	7.60	31.85	10470	8045	4750	3650
300-15	315/70-15	8.00-15	●	GS	243	812	9.57	31.97	12895	9920	5850	4500
355/65-15		9.75-15	●	GS	291	826	11.46	32.52	17190	13230	7800	6000
9.00-20		6.50-10		GS	225	971	8.86	38.23	11770	9810	5340	4450
9.00-20		7.00-20		GS	225	971	8.86	38.23	11770	9810	5340	4450
10.00-20		7.00-20		GS	250	1006	9.84	39.61	13230	11025	6000	5000
10.00-20		7.50-20		GS	250	1006	9.84	39.61	13230	11025	6000	5000
10.00-20		8.00-20		GS	250	1006	9.84	39.61	13230	11025	6000	5000
11.00-20		7.50-20		GS	265	1088	10.43	42.83	14420	12015	6540	5450
11.00-20		8.00-20		GS	265	1088	10.43	42.83	14420	12015	6540	5450
11.00-20		8.50-20		GS	265	1088	10.43	42.83	14420	12015	6540	5450
12.00-20		8.00-20		GS	265	1088	10.43	42.83	16535	13780	7500	6250
12.00-20		8.50-20		GS	265	1088	10.43	42.83	16535	13780	7500	6250

AIR RYDE

SOLID SKID STEER TIRE

A solid two-stage Skid-Steer tire built with natural rubber formulation and aperture sidewall design that provides increased driving comfort. AIR RYDE tires are engineered specifically to handle the extreme lateral forces of skid-steer machines. Our deep lug, R-4 tread design provides the most advanced traction with self-cleaning properties built for the toughest terrain applications.

Features

- Specially engineered three angled stepped lug design
- Aperture sidewall design
- Soft cushion ride
- Advanced traction with self-cleaning lugs
- Exceptionally large tread depth

Benefits

- Advanced self-cleaning properties
- Exceptional traction
- Designed and built to operate in all terrains and challenging conditions

Tyre Size	Rim Size	Clip on	Profile	Tire dimensions mm		Tire dimensions inch		Load Capacity			
								Lbs at 6 miles/hr		Kgs at 10 Km/hr	
				Width ±1%	OD ± 2%	Width ±1%	OD ± 2%	Load wheel	Steer wheel	Load wheel	Steer wheel
31x10-20	7.50-20	●	RD	236	777	9.3	30.6	8886	6835	4030	3100
33x12-20	7.50-20	●	RD	287	828	11.3	32.6	11466	8820	5200	4000

GLOBE STAR

SMOOTH

Engineered to provide the best performance of heat resistance, energy efficiency, increased traction and long tire life. The GLOBESTAR SM is built with high-quality natural rubber compound that ensures protection against tears and punctures. GLOBESTAR SM is specially designed for trailers and lift-trucks, and operates in dry and smooth surfaces.

Features

- Good traction on dry surfaces
- Sidewall without grooves
- Availability of non-marker tire

Benefits

- Smooth running for driver comfort
- High damage resistance
- Clean run on light colored surfaces

Tyre Size	Rim Size	Profile	Tire dimensions		Tire dimensions		Other Vehicles load capacity (Kg)		Tire load capacity on forklifts at Max. Speed			
									16 Miles/h (Lbs)		25 Km/h (Kg)	
			Max width ±1% (mm)	OD ± 2% (mm)	Max width ±1% (inch)	OD ± 2% (Inch)	6 Km/h	10 Km/h	Load wheel	Steer wheel	Load wheel	Steer wheel
2.00-8	2.50 C-8	SM	95	308	3.74	12.13	710	645	1095	840	710	545
5.00-8	3.00 D-8	SM	116	446	4.57	17.56	1415	1285	3120	2405	1415	1090
6.00-9	4.00 E-9	SM	140	520	5.51	20.47	1885	1710	4156	3197	1885	1450
6.00-10 (21x7-10)	5.00 F-10	SM	160	520	6.30	20.47	2127	1930	4690	3605	2127	1635
6.50-16	5.50-16	SM	176	735	6.93	28.94	2600	2360	5733	4410	2600	2000
10.00-20	7.50-20	SM	255	1025	10.00	40.35	6000	5450	13230	11025	6000	5000

GLOBE STAR

RIB

The GLOBESTAR RIB is especially designed for Trailers. It is built with high-quality natural rubber compound to provide the best performance in heat resistance, energy efficiency and long tire life.

Features

- Good traction on dry surfaces
- Sidewall without grooves
- Availability of non-marker tire

Benefits

- Smooth running for driver comfort
- High damage resistance
- Clean run on light colored surfaces

Tyre Size	Rim Size	Profile	Tire dimensions		Tire dimensions		Other Vehicles load capacity (Kg)		Tire load capacity on forklifts at Max. Speed			
									16 Miles/h (Lbs)		25 Km/h (Kg)	
			Max width ±1% (mm)	OD ± 2% (mm)	Max width ±1% (inch)	OD ± 2% (Inch)	6 Km/h	10 Km/h	Load wheel	Steer wheel	Load wheel	Steer wheel
4.00-8	2.50 C-8	RIB	105	403	4.13	15.87	950	860	3120	2405	950	730
4.00-8	3.00 D-8	RIB	105	403	4.13	15.87	950	860	3120	2405	950	730
4.00-8	3.75-8	RIB	105	403	4.13	15.87	950	860	3120	2405	950	730
5.00-8	3.75-8	RIB	153	448	6.02	17.64	1500	1365	3308	2547	1500	1155

PRESS ON BAND

MATERIAL HANDLING TIRES

GRI
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ULTIMATE XT

PRESS ON BAND LUG

A high quality abrasion and tear resistant tread engineered from a perfected natural rubber compound is vulcanized onto a precision band using a 'global-lock' bonding process, virtually locking the rubber to its steel base band. The ULTIMATE XT POB is a state of the art premium cushion tire built for long running hours, reduced downtime and increased load carrying capacity. Ultimate XT POB ensures high performance and utmost driver comfort. It is built to handle the toughest environments and conditions.

Features

- Increased Lug Depth
- Small tread lug gaps with two circumferential angled grooves
- Very low rolling resistance and highest abrasion resistance
- Cool operating temperature
- Exceptionally long tire life
- Availability of non marker tire
- Availability of Antistatic tire

Benefits

- Excellent traction with a firm grip
- Extremely quite running and outstanding lateral guidance
- Clean run on light colored surfaces
- Electro statically effective with a electrical resistance of less than 1MΩ
- Excellent heat dissipation capabilities

TYRE SIZE		LUG	PROFILE	FORK LIFT TRUCK LOAD CAPACITYat 16 Km/h (Kg)		OTHER VEHICLES LOAD CAPACITY (Kg)		
Inch	mm			LOAD WHEEL	STEER WHEEL	6 Km/h	10 Km/h	16 Km/h
16x6x10 1/2	406/152-267	●	UT	1710	1435	1710	1570	1435
18x6x12 1/8	457/152-308	●	UT	1870	1575	1870	1720	1575
18x7x12 1/8	457/178-308	●	UT	2280	1915	2280	2095	1915
21x7x15	533/178-381	●	UT	2560	2150	2560	2355	2150
21x8x15	533/203-381	●	UT	3020	2535	3020	2780	2535
22x9x16	559/229-406	●	UT	3605	3025	3605	3315	3025

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GLOBE STAR

PRESS ON BAND LUG

A wear abrasion and tear resistant tread engineered from an advanced natural rubber compound is vulcanized onto a precision band using a new 'global-lock' bonding process. The GLOBESTAR POB is a universal cushion tire designed to ensure reduced downtime and high load carrying capacity. It delivers high performance and driver comfort.

Features

- Increased Lug Depth
- Small tread lug gaps with two circumferential angled grooves
- Availability of non marker tire
- Availability of Antistatic tire
- Wide footprint and long tire life

Benefits

- Good traction with a firm grip and load distribution
- Clean run on light colored surfaces
- Electro statically effective with a electrical resistance of less than 1M ΄Ω
- Good heat dissipation capabilities

GLOBE STAR

PRESS ON BAND SMOOTH

Features

- Greater contact area
- Flat solid tread
- Availability of non marker tire
- Availability of Antistatic tire

Benefits

- Good load distribution
- Good steering capabilities
- Clean run on light colored surfaces
- Electro statically effective with an electrical resistance less than 1M ΄Ω

Tyre Size		SM	LUG	Tire load capacity on forklifts at Max. Speed			
				10 Miles/h (Lbs)		16 Km/h (Kg)	
Inch	mm			Load wheel	Steer wheel	Load wheel	Steer wheel
10x4x6 1/2	254/102-165	●		1530	1290	695	585
10x5x6 1/2	254/127-165	●	●	1995	1675	905	760
10 1/2 x5x 6 1/2	267/127-165	●		2113	1772	960	805
10x4 3/4x6 1/2	254/121-165	●		1874	1579	850	716
13 1/2x4 1/2x8	343/114-203	●		2205	1850	1000	840
13 1/2x5 1/2x8	343/140-203	●		2965	2490	1345	1130
13 1/2x6 1/2x8	343/165-203	●		3240	2710	1470	1230
12 x 4 1/2 x8	305/114-203	●	●	2072	1477	940	670
14x4 1/2x8	356/114-203	●	●	2300	1930	1045	875
14x5x10	356x127-254	●		2648	2207	1200	1000
15x5x11 1/4	381/127-286	●		2735	2305	1240	1045
15x6x11 1/4	381/152-286	●		3385	2845	1535	1290
16x5x10 1/2	406/127-267	●	●	2965	2490	1345	1130
16x6x10 1/2	406/152-267	●	●	3770	3165	1710	1435
16x7x10 1/2	406/178-267	●		4563	3836	2070	1740
16 1/4x5x11 1/4	413/127-286	●		3000	2525	1360	1145
16 1/4x6x111/4	413/152-286	●	●	3780	3175	1715	1440
16 1/4x7x111/4	413/178-286	●		4555	3825	2065	1735
18x5x12 1/8	457/127-308	●		3230	2710	1465	1230
18x6x12 1/8	457/152-308	●	●	4120	3470	1870	1575
18x7x12 1/8	457/178-308	●	●	5925	4220	2280	1915
18x8x12 1/8	457/203-308	●	●	5920	4970	2685	2255
18x9x12 1/8	457/229-308	●	●	6810	5720	3090	2595
21x6x15	533/152-381		●	4640	3890	2105	1765
21x7x15	533/178-381	●	●	5645	4740	2560	2150
21x8x15	533/203-381	●	●	6660	5590	3020	2535
22x8x16	559/203-406	●	●	6900	5790	3130	2625
22x9x16	559/229-406	●	●	7950	6670	3605	3025
22x10x16	559/254-406	●		8995	7550	4080	3425
22x12x16	559/305-406	●		11090	9315	5030	4225
	645/200-410	●		9215	7561	4180	3430
	645/250-410	●		10420	8552	4725	3878
28x10x22	711/254-559	●		10285	8290	4665	3760
28x12x22	711/305-559	●		12135	10230	5505	4640
22x16x16	559/406-406	●		13850	11640	6925	5820
40x16x30	1016/406-762	●		21610	17740	10805	8870
40x20x30	1016/508-762	●		30910	25400	14020	11520

11

TECHNICAL INFORMATION

BASIC TIRE AND RIM SPECIFICATIONS

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TIRE TYPES AND RIM MOUNTING TYPES

Clip Version-Single piece Rim

Fits with the one piece base rim without rim flange or locking rings. Tire inner layer consists of high hardness rubber where it guarantees a perfect rim fit. This type of tire and rim provides quick and easy installation.

Standard Version-Multi Piece Rim

Multi piece rims consist of two or three piece components (Lock ring, Rim Flange, Bead Seat Ring) where standard Tires are mounted. Designed for easy tire installation with Excellent Rim fit.

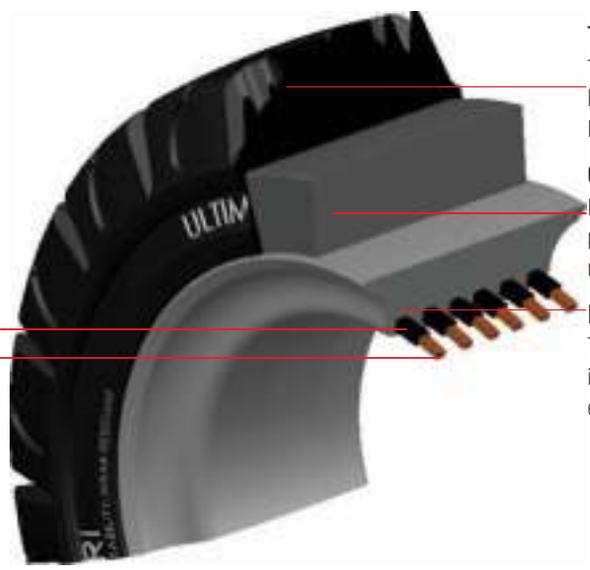
Standard Version-Split Rim

Split Rim is divided type of Rim with two parts where standard Tires are mounted. Easy tire mounting and possesses excellent rim Fit. Special feature of this version is there is no need of highly equipped tire mounting presses to mount Tires.

TIRE CONSTRUCTION - SOLID RESILIENT TIRES

Bead Wire Compound
The base compound and bead wire joining is ensured acting as a bonding agent.

Rectangular Beads
Ensures excellent circumferential Rim fit by even stress distribution in tire mounting.



Tread Layer
The tread area is having optimum hardness level with Excellent Chipping & Chunking Resistance, giving the tire a long service life.

Center Layer
Provides good impact and vibration-damping properties while ensuring low heat buildup for rough application to assure higher service life.

Base Layer
The tire base is made of a hard rigid compound in which the bead rings are embedded, ensuring the Maximum tire stability.

SPECIAL VERSIONS

NON MARKER- This is light yellow color tire specially manufactured not to leave marks on the surface. These tires are specially used in the places like food, beverages, pharmaceutical industries where clean flow is important.

HIGH CAPACITY- This tire is designed with extremely hard compounds to obtain highly rigid structure in comparison to standard tires. The significant feature of Super-elastic and Cushion tires is their ability to sustain high loads with minimal deformation.

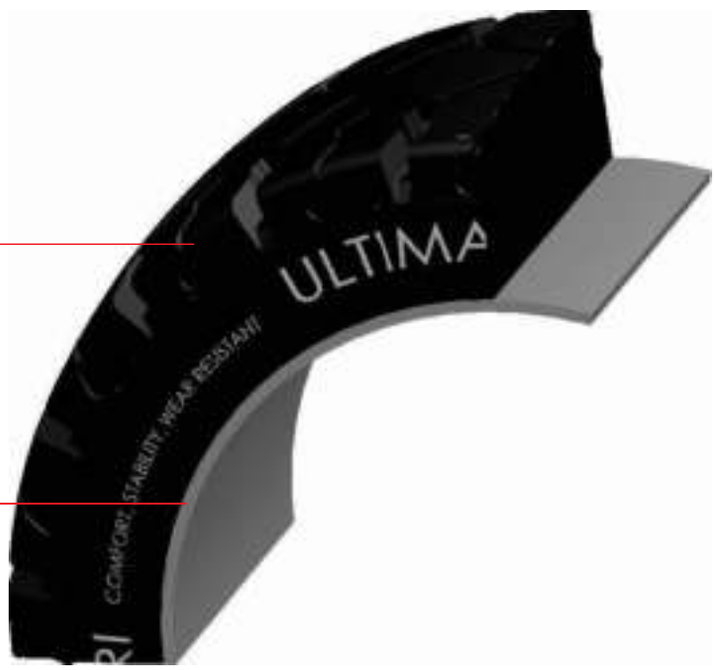
ANTISTATIC- Special characteristic of this tire is to release the static electricity accumulated by the vehicle onto the ground. These tire specially used in the environments where accumulation of static electricity can cause damages.

LOW COST- special version of tire that manufactured by two compound layers, base and center. Specially used for low continues running time, speed and load. Optimum running time according to the value.

TYRE CONSTRUCTION – PRESS ON BAND TIRES

Tread Layer
The tread layer has excellent abrasion resistance and cut Resistance, giving the tire a long service life.

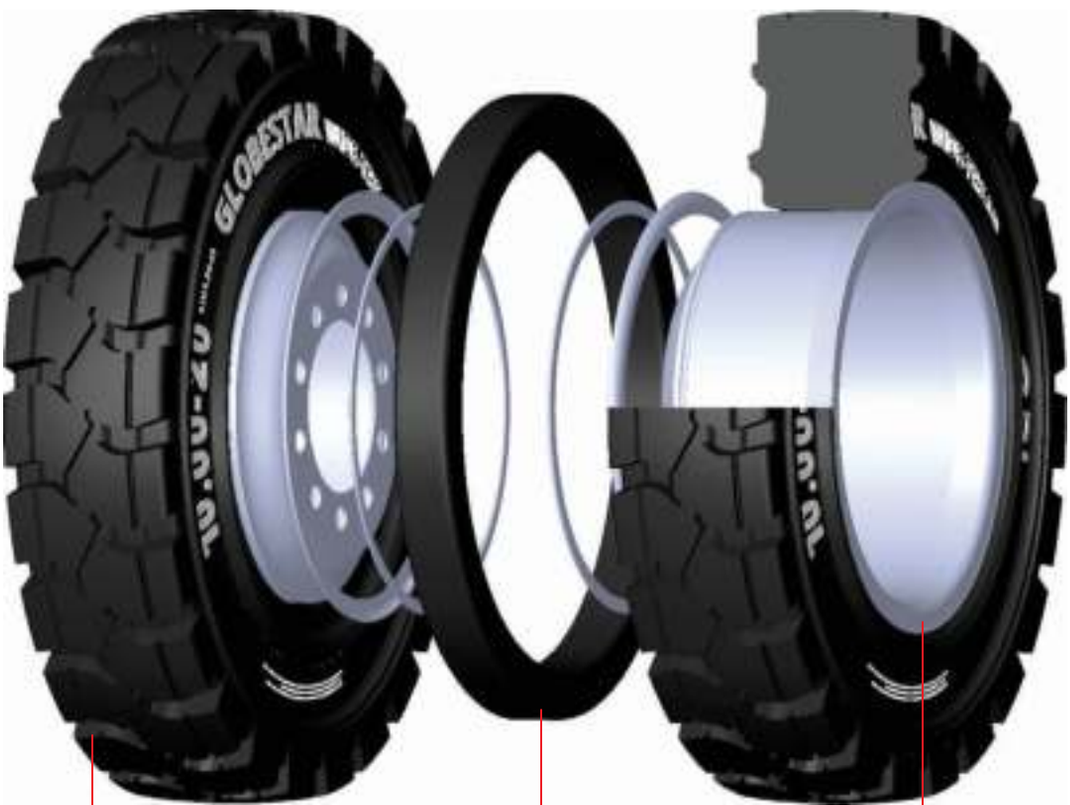
Press on Band
This Rigid steel band provides good heat dissipation and incorporates the best possible adhesion of rubber to steel. It also enhances the stability of the tire.



KEY BENEFITS OF USING POB TIRES

Low rolling resistance
Long tread wear guarantees maximum hourly output
Tough durable construction designed for severe operating conditions
Drive and steer position compatible
Ensures high stability
Premium compounds reduce cuts and chunking

DUAL TIRE ASSEMBLY



TYRE

Square tread pattern
Optimum aspect ratio
More stability

COMPOUND

High resistance to cuts and tears
Optimum shock absorbing capability

TREAD

Long mileage
Improved traction and grip

SPACER

Prevent infiltration of debris

FLAT BOTTOM RIM

Increased thickness
More solidity
Perfect drip with tire

SOLID TIRES USER INSTRUCTIONS, MAINTENANCE & REPLACEMENT

INTRODUCTION

The physical contact between vehicle and ground is ensured by the tires. It is therefore critical part in the ground transportation system. Maintained in good condition at all times, and that when the time comes to change them, correct replacements have to be done.

The tires fitted to your vehicle as Original Equipment were selected by the vehicle and tire manufacturers concerned taking into account the intended operations of the vehicle. Dealing with vehicle manufacture is recommended in case of changes in tire type, size and load capacity for the feasibility and safety.

FITTING AND REMOVAL OF TIRES

As this is a more critical part in the vehicle, these operations be entrusted only to specialists who have the necessary equipment and expertise. Unless incorrect fitment may lead to personal injury and also damage to Tires and wheels. In brief, no special equipment is necessary for fitting solid Tires on centrally divided conical rims, but appropriate presses and accessories are required for fitment on off-set divided conical rims, cylindrical rims and pneumatic tire rims. The published instructions of the tire manufacturer must be strictly followed. Only rims recommended by the tire manufacturer must be used. Approved proprietary tire lubricants should be used to avoid damage to the base of the tire and in case of fitting it must be placed on the rim concentrically and parallel to the axis. The tres mounted on same axle must be in same size and same type.

TIRE LOAD AND SPEED

Tire load capacities are specified per tire. Published Standards or manufacturers' Manuals should be consulted to obtain the actual values applicable to a particular application at the speed specified.

PURPOSE OF WEAR LIMIT

There is no particular limit for the tread wear of industrial vehicles defined by national or international standards. Several manufacturers provide instructions solely for their products. However, in case no recommendations are provided by manufacturers, please abide by the contents published in this standard. This standard suggests tread wear limits for solid tires used on industrial vehicles that operate under conditions that are not regulated by the Highway Code and are to be used in case no instructions are provided by the manufacturer of the vehicle or tires.

GENERAL RECOMMENDATION

GRI recommends for tires not to be worn beyond the 60J Line (Tread Wear Indicator) positioned on the tread of the tire. The height of the 60J line was defined according to a study based on safety and cost savings for the user. However, in case there is no 60J line, GRI recommends to replace the tires for safety reasons when 10% of the original tread is worn.

GRI

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GRI is a leading producer of Specialty Tires from Sri Lanka with offices in six countries and sales in over 50 countries around the world. GRI produces high-performance Agriculture, Construction and Material Handling Tires. GRI's state-of-the-art factory is the largest in Sri Lanka to produce specialty tires and the first to produce radial agriculture tires. Technological innovation, engineering strength and operational excellence have powered GRI through rapid growth to become a leader in specialty tires. GRI is certified in ISO 9001:2015 - Quality Management, ISO 50001: 2011 – Energy Management and ISO 14001:2004 Environmental Management.

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