

Truck & Bus Tire Cord

Enabling trucks and buses to go further



General description

A broad portfolio of NT to UT steel cords, incl. compact cord and open cord constructions, that offer rolling resistance reduction, TCO benefit and reliable durability for all load classes and road conditions.

Application

Carcass cord and belt cords for working, protection and zero degree belt applications in light-, medium- and heavy-duty truck and bus tires.

Construction /type	Tensile class	Main application	Lay length (±5%/mm)	Lay direction	Cord diameter (mm)	Linear density (g/m)	Min breaking force (N)
1+5x0.18	UT	TBR Carcass	11	S	0.54±0.027	1.20±0.06	540
1+5x0.235	UT	TBR Carcass	14	S	0.705±0.04	2.08±0.10	920
3x0.225+9x0.205 CC*	UT	TBR Carcass	12.5	S	0.87±0.05	3.38±0.17	1500
3+8x0.23	UT	TBR Carcass	16	S	0.94±0.05	3.66±0.17	1600
3+9+15x0.225 UT*	UT	TBR Carcass	6.3/12.5/18	ZZZ	1.38±0.07	8.63±0.43	3720
4x0.38 OC*	UT	TBR Belt	27	S	0.87±0.06	3.56±0.18	1545
1+5x0.30*	UT	TBR Belt	18	S	0.90±0.05	3.40±0.17	1450
6x0.335 OC*	UT	TBR Belt	24	S	0.99±0.07	4.18±0.21	1790
3+8x0.21	ST	TBR Carcass	7/14	SS	0.85±0.04	3.05±0.15	1310
3+8x0.235	ST	TBR Carcass	6.3/12.5	SS	0.98±0.04	3.80±0.38	1600
3x0.24+9x0.225 CC	ST	TBR Carcass	14	S	0.94±0.05	3.94±0.20	1700
0.17+5x0.215+10x0.235 CC*	ST	TBR Carcass	15	Z	1.07±0.05	5.08±0.25	2225
0.25+6+12x0.225	ST	TBR Carcass	7.5/16	ZZ	1.14±0.06	6.14±0.24	2580
3+9+15x0.20	ST	TBR Carcass	6.3/12.5/15	ZZZ	1.22±0.06	6.80±0.28	2800
3+9+15x0.225*	ST	TBR Carcass or Belt	6.3/12.5/18	ZZZ	1.38±0.07	8.63±0.43	3510
1+5x0.35*	ST	TBR Belt	20	S	1.05±0.05	4.56±0.34	1760
0.37+6x0.32*	ST	TBR Belt	16	S	1.02±0.05	4.71±0.24	1890
4+3x0.35	ST	TBR Belt	∞/18/18	-SS	1.17±0.07	5.36±0.27	2130
4+6x0.32	ST	TBR Belt	∞/18/18	-/S	1.27±0.08	6.39±0.32	2650
3+8x0.33 BETRU®*	ST	TBR Belt	10/18	SS	1.34±0.07	7.53±0.38	2980

* innovation products

Construction /type	Tensile class	Main application	Lay length (±5%mm)	Lay direction	Cord diameter (mm)	Linear density (g/m)	Min breaking force (N)
3×0.22+9×0.20 CC	HT	TBR Carcass	12.5	S	0.85±0.04	3.17±0.16	1200
3×0.24+9×0.225 CC	HT	TBR Carcass	14	S	0.94±0.05	3.94±0.20	1445
3+8×0.23	HT	TBR Carcass	5.5/13.8	SS	0.94±0.05	3.66±0.18	1340
0.22+6+12×0.20	HT	TBR Carcass	6.3/12.5	ZZ	1.02±0.05	4.86±0.19	1775
0.25+6×0.22+12×0.20	HT	TBR Carcass	6.3/16	ZZ	1.09±0.05	5.26±0.21	1975
0.25+6+12×0.225	HT	TBR Carcass	7.5/16	ZZ	1.14±0.06	6.14±0.24	2225
3+9×0.22+0.15	HT	TBR Carcass	6.3/12.5/3.5	SSZ	1.17±0.06	3.85±0.19	1360
3+9+15×0.225	HT	TBR Carcass or Belt	6.3/12.5/18	ZZZ	1.39±0.07	8.63±0.30	3120
0.365+6×0.35 BETRU®	HT	TBR Belt	18	S	1.08±0.05	5.42±0.27	1865
3×0.20+6×0.35	HT	TBR Belt	10/18	SS	1.13±0.06	5.34±0.27	1870
4+3×0.35	HT	TBR Belt	∞/18/18	SS	1.17±0.07	5.30±0.26	1927
3+8×0.33	HT	TBR Belt	10/18	SS	1.37±0.07	7.53±0.38	2685
3+8×0.35	HT	TBR Belt	10/20	SS	1.45±0.07	8.47±0.42	2975
3×4×0.24 HE	HT	TBR Protection belt or 0 degree belt	4.3/8	SS	1.28±0.08	4.65±0.23	1360
3×4×0.26 HE	HT	TBR Protection belt or 0 degree belt	4.2/8	SS	1.345±0.08	5.52±0.27	1500
3×4×0.22 HE	NT	TBR Protection belt	3/6.3	SS	1.14±0.07	3.96±0.20	945
5×0.35 HI	NT	TBR Protection belt	14	S	1.19±0.06	3.89±0.19	1130
5×0.38 HI	NT	TBR Protection belt	14	S	1.24±0.06	4.56±0.23	1185
3×7×0.20 HE	NT	TBR 0 degree belt	3.9/6.3	SS	1.34±0.08	5.77±0.23	1325
3+9+15×0.175+0.15	NT	TBR Carcass	5/10/16/3.5	SSZS	1.34±0.07	5.42±0.19	1670
3+9+15×0.22+0.15	NT	TBR Carcass or Belt	6.3/12.5/18/3.5	SSZS	1.62±0.08	8.50±0.30	2600

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