

BICYCLE TYRES

2018







WHEN QUALITY MATTERS

BICYCLE TYRES



Basic philosophy of the company is specialization in development and production of tubular tyres – the best option for cycling sport. From the very beginning, company TUFO worked hand in hand with many world champions and elite racers from all cycling disciplines. This cooperation makes the transition of theoretical knowledge from development and research into new products much easier. These days TUFO products are manufactured to the highest standards conforming to the strictest criteria in the races for podium finish.

The top priority is the quality of TUFO products, therefore all the production is under direct and everyday control in the TUFO plant in the Czech Republic. Most of the production is accomplished by skilled hand work, making it possible to concentrate on details, very important factor in processing natural input materials and achieving maximum quality. Every tyre product from TUFO line is in a sense "unique".

Today TUFO company is represented in 50 countries around the world and in the tubular market segment is one of the strongest. As the process of product innovation and better quality is regarded as endless in the TUFO company, all comments, suggestions and complaints from our customers are always welcome.



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TECHNOLOGY

CARBON BLACK TREAD COMPOUND

A durable tread compound that has proven its quality for years. This standard compound with a high content of Carbon black guarantees very good mileage for road tubulars, durability and puncture resistance in certain cyclo-cross tubulars and low weight for selected track tubulars.

SPC SILICA TREAD COMPOUND

We use this high performance road racing tread compound in the majority of our road tubulars and road tyres. With 66 Shore A hardness this well-balanced blend of synthetic and natural rubbers with Activated Silica filler provides tubulars with excellent wet grip and low rolling resistance.

NAN SILICA TREAD COMPOUND

This is an indoor wooden track specific compound for extra speed, grip and quick handling. Not suitable for wet conditions.

OIL SILICA TREAD COMPOUND

A soft compound (60 Shore A) developed for MTB cross country and marathon tubulars. Adding a reasonable amount of oil to a polymer blend with Activated Silica improves traction and reduces rolling resistance. Reasonable tread wear.

BIC SILICA TREAD COMPOUND

A compound for indoor sports on wooden or plastic floors. Used in Cycle-ball, Artistic cycling and wheel-chairs sports tubulars for excellent traction and quick handling. Manufactured in many colours including black, this compound doesn't leave any colour marks on floors. Not suitable for wet conditions.

VECTRAN™ for PUNCTURE BARRIER

This most effective anti-puncture system is placed directly under the tread area. A core of the anti-puncture system is made from VECTRAN™ - liquid crystal polymer (LCP) fibres which are five times stronger than steel. VECTRAN™ offers also outstanding cut resistance and high impact resistance at a low weight - highly demanding properties for high-end bicycle tyres. VECTRAN™ for PUNCTURE BARRIER not only provides the best possible puncture protection but also ensures cornering and stability.



A very light rubber/polyester composite antipuncture layer. This is used in Calibra tyres to enhance sidewall durability.



A specially formulated slippery sidewall strip protects the most vulnerable part of certain MTB tubulars and road tyres. This special sidewall strip allows the tyre to slide off sharp edges without damaging the tyre carcass.

CRCA

CRCA (CARCASS RUBBER COMPOUND WITH LONG ARAMID FIBRES) is a special composite material, by means of which the high modulus long aramid fibres are introduced into the tyre carcass during the technological process.

CRCA increases the puncture resistance and total carcass strength.

CRCA improves riding comfort and decreases vibrations. In all models.





TUBULAR AND TUBULAR CLINCHER

Construction of both types is essentially the same, consisting of closed tubular toroid. Difference is only in the installation of the tyre on the rim.

The base tape is made of cotton. It absorbs the glue evenly, resulting in optimal bond between the rim and the tyre.



Tread – produced either with rubber compound of activated silica, silica or carbon black (specified for each model).

Protective rubber ply – located underneath the tread, indicates also tyre wear and higher possibility of punctures when showing through the tread (only in specified models).

Puncture proof ply – made of rubber cord composite strengthened with CRCA.

The carcass plies are overlapped and joined underneath the tread, creating increased TPI (threads per inch) value and better tyre puncture resistance.

The carcass consists of two layers of rubber cord composite with reverse bearing cord orientation in each layer, joined and strengthened with CRCA. The carcass TPI varies from 60 to 210 for different tyre models.

Inside airtight layer is made of a special butyl-rubber compound. Very low air permeability of this layer means long intervals between tyre inflations. Solid bond between the airtight layer and the tyre carcass means lower rolling resistance.

Tubular



The bead profile itself copies the shape of the rim and after inflation provides a perfect joint between them. Also protects the rim lips from damage.

The bead profile reinforcement of tubular clincher tyres provides easy tyre installation and prevents the tyre from unseating in extreme situations.

Tubular Clincher

RACING TYRE AND TUBELESS RACING TYRE

Tubeless Racing Tyres have an airtight rubber compound incorporated directly into the tyre carcass which holds the air pressure whereas conventional Racing Tyres use a separate inner tube. Our Tubeless Racing Tyres have a Vectran Puncture Barrier from bead to bead to increase tyre safety and to minimize air loss caused by sidewall damage during use.



Racing Tyre

Tubeless Racing Tyre



Gazprom-RusVelo
Professional Continental Team

ROAD CYCLING

Tyres	Size	Weight	Pressure	TPI Count	Colours
				Sidewall area / Under the tread	
CALIBRA	23-622 700×23C	205 g	6–10 bar (90–145 p.s.i.)	120 / 240	
CALIBRA 25	25-622 700×25C	235 g	6–9 bar (90–130 p.s.i.)	120 / 240	
CALIBRA PLUS	23-622 700×23C	180 g	6–10 bar (90–145 p.s.i.)	120 / 240	
CALIBRA PLUS 25	25-622 700×25C	210 g	6–9 bar (90–130 p.s.i.)	120 / 240	
CALIBRA PLUS 28	28-622 700×28C	235 g	6–8 bar (90–115 p.s.i.)	120 / 240	
CALIBRA LITE <150 g	23-622 700×23C	<150 g	6–10 bar (90–145 p.s.i.)	120 / 240	
COMTURA DUO 25	25-622 700×25C	225 g	6–9 bar (90–130 p.s.i.)	120 / 240	
COMTURA DUO 28	28-622 700×28C	250 g	6–8 bar (90–115 p.s.i.)	120 / 240	
COMTURA TRIO 25	25-622 700×25C	245 g	6–9 bar (90–130 p.s.i.)	120 / 240	
COMTURA TRIO 28	28-622 700×28C	275 g	6–8 bar (90–115 p.s.i.)	120 / 240	
COMTURA AERO 25	25-622 700×25C	215 g	6–9 bar (90–130 p.s.i.)	120 / 240	
COMTURA AERO 28	28-622 700×28C	240 g	6–8 bar (90–115 p.s.i.)	120 / 240	
COMTURA 3 TR 25	25-622 700×25C	270 g	5–8 bar (75–115 p.s.i.)	210 / 375	
COMTURA 3 TR 28	28-622 700×28C	300 g	4–7 bar (60–100 p.s.i.)	210 / 375	
STATUS EST 24	24-622 700×24C	265 g	6–9 bar (90–130 p.s.i.)	120 / 240	

Tubulars

S33 PRO	28" 21 mm	260 g	8–12 bar (115–175 p.s.i.)	60 / 90	
S33 PRO 24	28" 24 mm	310 g	6–8 bar (90–115 p.s.i.)	60 / 90	
HI-COMPOSITE CARBON	28" 23 mm	260 g	8–12 bar (115–175 p.s.i.)	120 / 240	
HI-COMPOSITE CARBON 25	28" 25 mm	300 g	6–8 bar (90–115 p.s.i.)	120 / 240	
HI-COMPOSITE CARBON 28	28" 28 mm	320 g	5–8 bar (70–115 p.s.i.)	120 / 240	
ELITE RIDE	28" 23 mm	250 g	8–15 bar (115–220 p.s.i.)	210 / 375	
ELITE RIDE 25	28" 25 mm	290 g	6–10 bar (90–145 p.s.i.)	210 / 375	
ELITE JET <160 g	28" 20 mm	<160 g	10–15 bar (145–220 p.s.i.)	210 / 375	
ELITE S3 <225 g	28" 23 mm	<225 g	8–15 bar (115–220 p.s.i.)	210 / 375	
ELITE S3 25 <265 g	28" 25 mm	<265 g	6–10 bar (90–145 p.s.i.)	210 / 375	

Tubular Clinchers

C S33 PRO	28" 21 mm	335 g	8–12 bar (115–175 p.s.i.)	60 / 90	
C S33 PRO 24	28" 24 mm	385 g	6–8 bar (90–115 p.s.i.)	60 / 90	
C HI-COMPOSITE CARBON	28" 23 mm	335 g	8–12 bar (115–175 p.s.i.)	120 / 240	
C HI-COMPOSITE CARBON 25	28" 25 mm	375 g	6–8 bar (90–115 p.s.i.)	120 / 240	

Wheelsets

Rim width × Rim height

CARBONA 30	25×30 mm	1450 g		
CARBONA 45	25×45 mm	1500 g		
CARBONA CL30	24×30 mm	1550 g		
CARBOBA CL45	24×45 mm	1650 g		

Materials & Technology

CARBON BLACK
TREAD COMPOUND

SPC SILICA
TREAD COMPOUND

CRCA

PUNCTURE
PROOF PLY

PROTECTIVE
RUBBER PLY

VECTRAN™ for
PUNCTURE BARRIER

SIDE
SKIN
PROTECTION

SIDWALL PROTECTION
SP

ARAMID BEADS
FOLDABLE

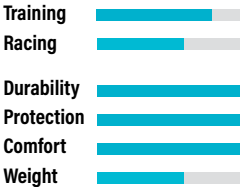
Due to the use of natural materials, the tyre weight can fluctuate $\pm 5\%$. For tyres with the weight specified on the tyre label, this weight is guaranteed as the highest. We reserve the right to carry out changes



COMTURA 3 TR

Tubeless ready all purpose road tyre for those who cannot be bothered with inner tubes anymore. Comtura 3 TR is another evolutionary step in the Comtura product line. The unique carcass construction together with the protection layers allow for low tyre pressures which provide greater comfort and excellent grip. VECTRAN™ for PUNCTURE BARRIER significantly reduces the danger of defects and eliminates pinch flats. Easy tubeless setup.

Colours 



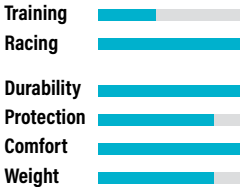
Tyres	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
COMTURA 3 TR 25	25-622 700×25C	270 g	5–8 bar (75–115 p.s.i.)	210 / 375
COMTURA 3 TR 28	28-622 700×28C	300 g	4–7 bar (60–100 p.s.i.)	210 / 375



COMTURA DUO

The most universal tyre model in the Comtura line. Comtura Duo is a racing performance tyre with excellent puncture resistance over additional mileage. Performs wherever, whenever to your highest expectations. VECTRAN™ for PUNCTURE BARRIER under the tyre tread not only provides the best possible puncture protection but also ensures cornering and stability.

Colours 



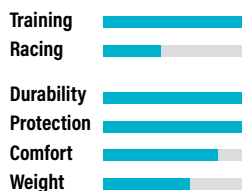
Tyres	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
COMTURA DUO 25	25-622 700×25C	225 g	6–9 bar (90–130 p.s.i.)	120 / 240
COMTURA DUO 28	28-622 700×28C	250 g	6–8 bar (90–115 p.s.i.)	120 / 240



COMTURA TRIO

The most durable tyre model in the Comtura line. We transferred the benefits of our powerful Sidewall Protection on MTB tubulars into the lighter application used for road tyre Comtura Trio. Specially formulated slippery sidewall strips protect the most vulnerable part of a tyre. VECTRAN™ for PUNCTURE BARRIER under the tyre tread not only provides the best possible puncture protection but also ensures cornering and stability.

Colours



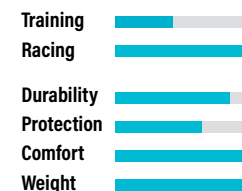
Tyres	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
COMTURA TRIO 25	25-622 700×25C	245 g	6–9 bar (90–130 p.s.i.)	120 / 240
COMTURA TRIO 28	28-622 700×28C	275 g	6–8 bar (90–115 p.s.i.)	120 / 240



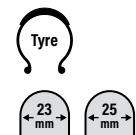
COMTURA AERO

The lightest and fastest tyre model in the Comtura line. Besides being one of the lightest tyres on the market, it still offers great mileage and great puncture protection. Comtura Aero is a racing performance tyre with amazing reliability. VECTRAN™ for PUNCTURE BARRIER under the tyre tread not only provides the best possible puncture protection but also ensures cornering and stability.

Colours



Tyres	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
COMTURA AERO 25	25-622 700×25C	215 g	6–9 bar (90–130 p.s.i.)	120 / 240
COMTURA AERO 28	28-622 700×28C	240 g	6–8 bar (90–115 p.s.i.)	120 / 240



PUNCTURE
PROOF PLY

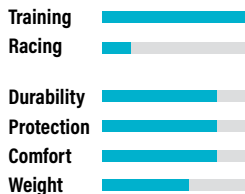
SPC SILICA
TREAD COMPOUND



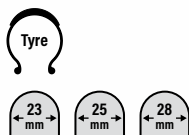
CALIBRA

All-around racing/training tyre. Bead to bead sidewall protection and puncture proof ply under the tread effectively decrease the possibility of flats. Fine tread pattern together with activated silica tread compound provide excellent adhesion on wet or dry pavement.

Colours



Tyres	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
CALIBRA	23-622 700×23C	205 g	6-10 bar (90-145 p.s.i.)	120 / 240
CALIBRA 25	25-622 700×25C	235 g	6-9 bar (90-130 p.s.i.)	120 / 240



PUNCTURE
PROOF PLY

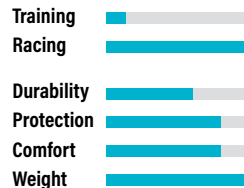
SPC SILICA
TREAD COMPOUND



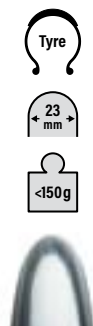
CALIBRA PLUS

A very lightweight road racing tyre. Slick tread centre with side grip pattern for extra speed and excellent riding properties on wet or dry pavement. Good puncture resistance.

Colours



Tyres	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
CALIBRA PLUS	23-622 700×23C	180 g	6-10 bar (90-145 p.s.i.)	120 / 240
CALIBRA PLUS 25	25-622 700×25C	210 g	6-9 bar (90-130 p.s.i.)	120 / 240
CALIBRA PLUS 28	28-622 700×28C	235 g	6-8 bar (90-115 p.s.i.)	120 / 240



PUNCTURE
PROOF PLY

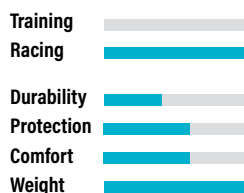
SPC SILICA
TREAD COMPOUND

ARAMID BEADS
FOLDABLE

CALIBRA LITE

Guaranteed specified weight. Intended for time trials and road races with good surface. In spite of super low weight this tyre has good puncture resistance. Slick tread contributes to low rolling resistance.

Colours



Tyres	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
CALIBRA LITE <150	23-622 700×23C	<150 g*	6-10 bar (90-145 p.s.i.)	120 / 240

*For tyres with weight specified on the tyre label, this weight is guaranteed as the highest.



PUNCTURE
PROOF PLY

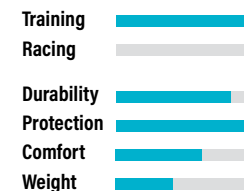
SPC SILICA
TREAD COMPOUND

ARAMID BEADS
FOLDABLE

STATUS EST

Tyre model with classic chevron tyre treadpattern. Good performance and price ratio.

Colours



Tyres	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
STATUS EST 24	24-622 700×24C	265 g	6-9 bar (90-130 p.s.i.)	120 / 240



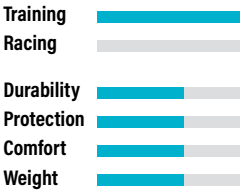
Alexander Foliforov
Winner of the 15th stage
Giro d'Italia 2016



S33 PRO

Very popular training tyre for all around use with higher inflation pressure.

Colours



Tubulars	Size	Weight	Pressure	TPI Count
				Sidewall area / Under the tread
S33 PRO	28" 21 mm	260 g	8-12 bar (115-175 p.s.i.)	60 / 90
S33 PRO 24	28" 24 mm	310 g	6-8 bar (90-115 p.s.i.)	60 / 90
Tubular Clinchers				
C S33 PRO	28" 21 mm	335 g	8-12 bar (115-175 p.s.i.)	60 / 90
C S33 PRO 24	28" 24 mm	385 g	6-8 bar (90-115 p.s.i.)	60 / 90

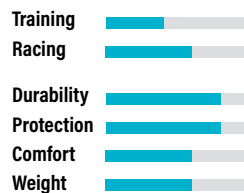
Rim size 28" 700 C E.T.R.T.O. 622x(13-15) mm



HI-COMPOSITE CARBON

Application of composite puncture proof ply and high composite carbon tread compound made possible to use thinner tread and still maintain high mileage. Thinner tread also lowers rolling resistance while the tyre is maintaining ideal shock absorption properties and high puncture resistance.

Colours



Tubulars	Size	Weight	Pressure	TPI Count Sidewall area / Under the tread
HI-COMPOSITE CARBON	28" 23 mm	260 g	8-12 bar (115-175 p.s.i.)	120 / 240
HI-COMPOSITE CARBON 25	28" 25 mm	300 g	6-8 bar (90-115 p.s.i.)	120 / 240
HI-COMPOSITE CARBON 28	28" 28 mm	320 g	5-8 bar (70-115 p.s.i.)	120 / 240

Tubular Clinchers

C HI-COMPOSITE CARBON	28" 23 mm	335 g	8-12 bar (115-175 p.s.i.)	120 / 240
C HI-COMPOSITE CARBON 25	28" 25 mm	375 g	6-8 bar (90-115 p.s.i.)	120 / 240

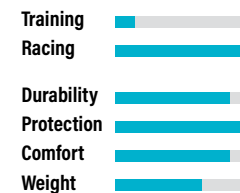
Rim size 28" 700 C E.T.R.T.O. 622x(13-15) mm



ELITE RIDE

This tyre model provides comfortable, smooth and fast ride with minimum of vibrations even in the most demanding conditions of road cycling. Wide tyre tread overlapping the sidewall and the puncture proof ply in the middle of the tread effectively decrease the possibility of flats.

Colours



Tubulars	Size	Weight	Pressure	TPI Count Sidewall area / Under the tread
ELITE RIDE	28" 23 mm	250 g	8-15 bar (115-220 p.s.i.)	210 / 375
ELITE RIDE 25	28" 25 mm	290 g	6-10 bar (90-145 p.s.i.)	210 / 375



VECTRAN™ for
PUNCTURE BARRIER

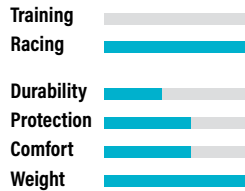
PROTECTIVE
RUBBER PLY

SPC SILICA
TREAD COMPOUND

ELITE JET

Guaranteed specified weight. Intended for time trials and road races with good surface. In spite of super low weight, this tyre has reasonable puncture resistance and mileage. Possibility of very high inflation pressure, resulting in absolute minimum rolling resistance. VECTRAN™ for PUNCTURE BARRIER under the tyre tread not only provides the best possible puncture protection but also ensures cornering and stability.

Colours



Tubulars	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
ELITE JET <160 g	28" 20 mm	<160 g	10-15 bar (145-220 p.s.i.)	210 / 375

*For tyres with weight specified on the tyre label, this weight is guaranteed as the highest.



VECTRAN™ for
PUNCTURE BARRIER

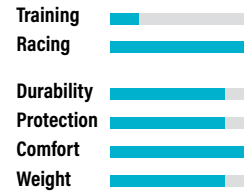
PROTECTIVE
RUBBER PLY

SPC SILICA
TREAD COMPOUND

ELITE S3

Guaranteed specified weight. In spite of low weight, this tyre has very good puncture resistance and mileage. Elite S3 <225g is an enhanced successor of the Tufo's best-seller S3 Lite <215g. In addition to improved tread pattern, it has a new carcass with higher 210/375 TPI count and wider base tape. The result is a supple ride and excellent handling. VECTRAN™ for PUNCTURE BARRIER under the tyre tread not only provides the best possible puncture protection but also ensures cornering and stability.

Colours



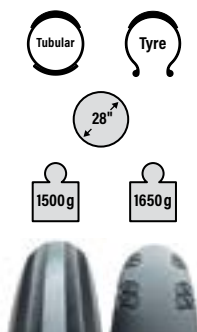
Tubulars	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
ELITE S3 <225 g	28" 23 mm	<225 g	8-15 bar (115-220 p.s.i.)	210 / 375
ELITE S3 25 <265 g	28" 25 mm	<265 g	6-10 bar (90-145 p.s.i.)	210 / 375

*For tyres with weight specified on the tyre label, this weight is guaranteed as the highest.



Carbon wheelset CARBONA 30 for broad spectrum of use in category racing & training. The wheelset has low weight, good stiffness and durability, easy handling and overall compactness. Wheelset comes with glued on tubulars or installed tyres.

	TUBULAR MODEL	CLINCHER MODEL
	TUBULAR TYRE SET	RACING TYRE SET
Model:	HI-COMPOSITE CARBON 25	COMTURA DUO 25
Category:	Racing & Training	Racing & Training
Weight:	300 g	225 g
Size:	28"	28"
Width:	25 mm	25 mm
Pressure:	6 – 8 bar (90 – 115 p.s.i.)	6 – 9 bar (90 – 130 p.s.i.)
TPI Count:	120 Sidewall area, 240 Under the tread	
	TUBULAR GLUING TAPE SET	TUBE
Model:	ROAD	20 – 25/622
Weight:	30 g	90 g
	TUBULAR CARBON WHEELSET	CLINCHER CARBON WHEELSET
Model:	CARBONA 30	CARBONA CL 30
Rim:	carbon composite material Profile 25x30 mm	Profile 24x30 mm, inner width 16 mm
Spoke /Nipple:	Sapim Race 2.0 Aluminium nipples	
Lacing:	front wheel: radial, 20 spokes rear wheel – gear side: 1x cross, 12 spokes rear wheel – non-gear side: radial, 12 spokes	
Hub:	sealed industrial bearings, options – rotor for Shimano cassette 9/10/11 speed, Campagnolo cassette 9/10/11 speed, incl. quick releases	
Category:	Racing & Training	Racing & Training
Weight:	approx. 1450 g (set without quick releases)	approx. 1550 g (set without quick releases)
Accessories:	brake pads (for Shimano / Campagnolo)	
Rider weight limit:	92 kg	92 kg



Tubulars or Tyres are already
INSTALLED



Colour options



CARBONA 45 kit consists of:

	TUBULAR MODEL	CLINCHER MODEL
	TUBULAR TYRE SET	RACING TYRE SET
Model:	HI-COMPOSITE CARBON 25	COMTURA DUO 25
Category:	Racing & Training	Racing & Training
Weight:	300 g	225 g
Size:	28"	28"
Width:	25 mm	25 mm
Pressure:	6 – 8 bar (90 – 115 p.s.i.)	6 – 9 bar (90 – 130 p.s.i.)
TPI Count:	120 Sidewall area, 240 Under the tread	
	TUBULAR GLUING TAPE SET	TUBE
Model:	ROAD	20 – 25/622
Weight:	30 g	90 g
	TUBULAR CARBON WHEELSET	CLINCHER CARBON WHEELSET
Model:	CARBONA 45	CARBONA CL 45
Rim:	carbon composite material Profile 25x45 mm	Profile 24x45 mm, inner width 16 mm
Spoke / Nipple:	Sapim Race 2.0 Aluminium nipples	
Lacing:	front wheel: radial, 20 spokes rear wheel – gear side: 1x cross, 12 spokes rear wheel – non-gear side: radial, 12 spokes	
Hub:	sealed industrial bearings, options – rotor for Shimano cassette 9/10/11 speed, Campagnolo cassette 9/10/11 speed, incl. quick releases	
Category:	Racing & Training	Racing & Training
Weight:	approx. 1500 g (set without quick releases)	approx. 1650 g (set without quick releases)
Accessories:	brake pads (for Shimano / Campagnolo)	
Rider weight limit:	92 kg	92 kg

CARBONA 45

Carbon wheelset CARBONA 45 for broad spectrum of use in category racing & training. The wheelset has low weight, good stiffness and durability, easy handling and overall compactness. Wheelset comes with glued on tubulars or installed tyres.



Petr Vabrousek / Professional triathlete
1st place Israman
Ironman Eilat 2014



Adrian Teklinski
World Champion in scratch
Hong Kong 2017

TRIATHLON

Tubulars	Size	Weight	Pressure	TPI Count Sidewall area / Under the tread	Colours
ELITE PULSE	28" 22 mm	230 g	8–15 bar (115–220 p.s.i.)	210 / 375	■
ELITE PULSE 25	28" 25 mm	280 g	6–10 bar (90–145 p.s.i.)	210 / 375	■
S3 26" LITE <200 g	26" 21 mm	<200 g	8–15 bar (115–220 p.s.i.)	120 / 240	■
S3 LITE <215 g	28" 21 mm	<215 g	8–15 bar (115–220 p.s.i.)	120 / 240	■

TRACK CYCLING

Tubulars	Size	Weight	Pressure	TPI Count Sidewall area / Under the tread	Colours
S3 PRO	28" 21 mm	195 g	8–15 bar (115–220 p.s.i.)	60 / 90	■ ■
ELITE <125 g	28" 19 mm	<125 g	10–15 bar (145–220 p.s.i.)	210 / 315	■
ELITE <135 g	28" 22 mm	<135 g	10–15 bar (145–220 p.s.i.)	210 / 315	■
ELITE <150 g	28" 19 mm	<150 g	10–15 bar (145–220 p.s.i.)	210 / 315	■
ELITE <160 g	28" 22 mm	<160 g	10–15 bar (145–220 p.s.i.)	210 / 315	■

Due to the use of natural materials, the tyre weight can fluctuate $\pm 5\%$. For tyres with the weight specified on the tyre label, this weight is guaranteed as the highest. We reserve the right to carry out changes.

Materials & Technology

CARBON BLACK
TREAD COMPOUND

SPC SILICA
TREAD COMPOUND

NAN SILICA
TREAD COMPOUND

CRCA

PUNCTURE
PROOF PLY

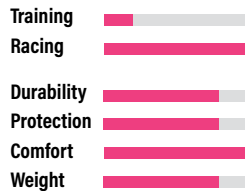
PROTECTIVE
RUBBER PLY



ELITE PULSE

The top of the line model for wide range of uses. Featuring ideal round tread profile and smooth tread-sidewall transition, this model has minimal aerodynamic head-on resistance. Fine tread pattern together with specially formulated tread compound provide excellent adhesion on wet or dry pavement and low rolling resistance.

Colours 



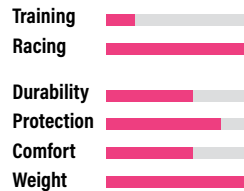
Tubulars	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
ELITE PULSE	28" 22 mm	230 g	8-15 bar (115-220 p.s.i.)	210 / 375
ELITE PULSE 25	28" 25 mm	280 g	6-10 bar (90-145 p.s.i.)	210 / 375



S3 LITE

Guaranteed specified weight. For use on smooth pavement. Narrow tyre profile minimizes head on aerodynamic resistance. High inflation pressure decreases the rolling resistance significantly.

Colours 



Tubulars	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
S3 26" LITE <200 g	26" 21 mm	<200 g	8-15 bar (115-220 p.s.i.)	120 / 240
S3 LITE <215 g	28" 21 mm	<215 g	8-15 bar (115-220 p.s.i.)	120 / 240

*For tyres with weight specified on the tyre label, this weight is guaranteed as the highest.



S3 PRO

Ideal track training tyre. High inflation pressures, excellent traction on all types of surfaces and good mileage.

Colours

Training
Racing

Tubulars	Size	Weight	Pressure	TPI Count Sidewall area / Under the tread
S3 PRO	28" 21 mm	195 g	8-15 bar (115-220 p.s.i.)	60 / 90



ELITE

Guaranteed specified weight. Excellent traction on all track surfaces. Sufficient mileage for intensive racing. Suitable for all track disciplines.

Colours

Training
Racing

Tubulars	Size	Weight	Pressure	TPI Count Sidewall area / Under the tread
ELITE <125 g	28" 19 mm	<125 g	10-15 bar (145-220 p.s.i.)	210 / 315
ELITE <135 g	28" 22 mm	<135 g	10-15 bar (145-220 p.s.i.)	210 / 315
ELITE <150 g	28" 19 mm	<150 g	10-15 bar (145-220 p.s.i.)	210 / 315
ELITE <160 g	28" 22 mm	<160 g	10-15 bar (145-220 p.s.i.)	210 / 315

*For tyres with weight specified on the tyre label, this weight is guaranteed as the highest.



Tomas Paprstka
Cyclo-Cross World Champion Juniors 2010 Tabor

CYCLO-CROSS

Tubulars	Size	Weight	Pressure	TPI Count Sidewall area / Under the tread	Colours
CUBUS 33 SG	28" 33 mm	400 g	max. 4.5 bar (65 p.s.i.)	60 / 90	■
FLEXUS CUBUS 33 SG	28" 33 mm	350 g	max. 3 bar (45 p.s.i.)	210 / 315	■
PRIMUS 33 SG	28" 33 mm	400 g	max. 4.5 bar (65 p.s.i.)	60 / 90	■
FLEXUS PRIMUS 33 SG	28" 33 mm	350 g	max. 3 bar (45 p.s.i.)	210 / 315	■
DRY PLUS	28" 32 mm	370 g	max. 4.5 bar (65 p.s.i.)	60 / 90	■
FLEXUS DRY PLUS	28" 32 mm	340 g	max. 4.5 bar (65 p.s.i.)	210 / 315	■

Due to the use of natural materials, the tyre weight can fluctuate $\pm 5\%$. For tyres with the weight specified on the tyre label, this weight is guaranteed as the highest. We reserve the right to carry out changes.



Materials & Technology

CARBON BLACK
TREAD COMPOUND

OIL SILICA
TREAD COMPOUND

CRCA



CUBUS 33 SG
**CARBON BLACK
TREAD COMPOUND**
FLEXUS CUBUS 33 SG
**OIL SILICA
TREAD COMPOUND**

Colours ■

CUBUS SG

Flexus Cubus 33 SG is the universal model suitable for most conditions including the most difficult cyclocross terrains. In spite of the aggressive tread pattern, this model has very low rolling resistance and can be used also on dry terrain and hard pack. Specially formulated soft tread compound enhances the tyre shock absorption.

Tubulars	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
CUBUS 33 SG	28" 33 mm	400 g	max. 4.5 bar (65 p.s.i.)	60 / 90
FLEXUS CUBUS 33 SG	28" 33 mm	350 g	max. 3 bar (45 p.s.i.)	210 / 315



PRIMUS 33 SG
**CARBON BLACK
TREAD COMPOUND**
FLEXUS PRIMUS 33 SG
**OIL SILICA
TREAD COMPOUND**

Colours ■

PRIMUS SG

Flexus Primus 33 SG is the top of the line model suitable for most conditions except deep mud. Unique new self cleaning tread pattern ensures excellent traction, special side knobs provide for stable cornering. Specially formulated soft tread compound enhances the tyre shock absorption.

Tubulars	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
PRIMUS 33 SG	28" 33 mm	400 g	max. 4.5 bar (65 p.s.i.)	60 / 90
FLEXUS PRIMUS 33 SG	28" 33 mm	350 g	max. 3 bar (45 p.s.i.)	210 / 315



DRY PLUS

CARBON BLACK
TREAD COMPOUND

FLEXUS DRY PLUS

DI SILICA
TREAD COMPOUND

Colours

DRY PLUS

Flexus Dry Plus is model suitable specially for dry and sandy, also for snow and frozen terrain. Fine tread pattern with special side knobs make the ride light, with sure handling in corners. Specially formulated soft tread compound enhances the tyre shock absorption. Extremely low weight, high TPI count, good resistance against flats.

Tubulars	Size	Weight	Pressure	TPI Count
				Sidewall area / Under the tread
DRY PLUS	28" 32 mm	370 g	max. 4.5 bar (65 p.s.i.)	60 / 90
FLEXUS DRY PLUS	28" 32 mm	340 g	max. 4.5 bar (65 p.s.i.)	210 / 315



























Leo Pekka Tahti
Paralympic Games London 2012
Gold Medal, World Record in 100m event
New World leading time Lucerne 2016












ARTISTIC CYCLING

CYCLE-BALL

Tubulars	Size	Weight	Pressure	TPI Count Sidewall area / Under the tread	Colours
ARTISTIC CYCLING 26x1	26x1"	260 g	8–16 bar (115–230 p.s.i.)	210 / 315	
ARTISTIC CYCLING 26x1 ^{1/8}	26x1 ^{1/8} "	300 g	8–16 bar (115–230 p.s.i.)	210 / 315	
B3 26x1"	26x1"	350 g	8–16 bar (115–230 p.s.i.)	60 / 120	   
B3 24x1"	24x1"	320 g	8–16 bar (115–230 p.s.i.)	60 / 120	   
B3 22x1"	22x1"	290 g	8–16 bar (115–230 p.s.i.)	60 / 120	   
B3 20x1"	20x1"	260 g	8–16 bar (115–230 p.s.i.)	60 / 120	   
B33 26x1 ^{1/8}	26x1 ^{1/8} "	430 g	8–16 bar (115–230 p.s.i.)	60 / 120	   

WHEELCHAIR SPORTS

Tubulars	Size	Weight	Pressure	TPI Count Sidewall area / Under the tread	Colours
MS3 28"	28" 22 mm	330 g	12–16 bar (175–230 p.s.i.)	60 / 120	
MS3 26"	26" 22 mm	315 g	12–16 bar (175–230 p.s.i.)	60 / 120	
MS3 25"	25" 22 mm	315 g	12–16 bar (175–230 p.s.i.)	60 / 120	
MS3 24"	24" 22 mm	300 g	12–16 bar (175–230 p.s.i.)	60 / 120	
S3 20" LITE <100 g	20" 18 mm	<100 g	10–15 bar (145–220 p.s.i.)	210 / 315	
 S3 26" ROAD	26" 26 mm	230 g	8–15 bar (115–220 p.s.i.)	210 / 375	
S3 24" ROAD	24" 26 mm	220 g	8–15 bar (115–220 p.s.i.)	210 / 375	
S3 22" ROAD	22" 26 mm	210 g	8–15 bar (115–220 p.s.i.)	210 / 375	
S3 20" ROAD	20" 26 mm	200 g	8–15 bar (115–220 p.s.i.)	210 / 375	

Due to the use of natural materials, the tyre weight can fluctuate $\pm 5\%$. For tyres with the weight specified on the tyre label, this weight is guaranteed as the highest. We reserve the right to carry out changes.

Materials & Technology

CARBON BLACK
TREAD COMPOUND

SPC SILICA
TREAD COMPOUND

BIC SILICA
TREAD COMPOUND

CRCA

PUNCTURE
PROOF PLY

PROTECTIVE
RUBBER PLY



ARTISTIC CYCLING

Specially developed tubular model for artistic cycling. The bicycle is very easy and smoothly to maneuver due to the round tread profile. The optimal tread compound provides excellent adhesion on all types of surfaces. This tubular will help you to master the most difficult exercises.

Tubulars	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
ARTISTIC CYCLING 26×1	26×1"	260 g	8-16 bar (115-230 p.s.i.)	210 / 315
ARTISTIC CYCLING 26×1 1/8	26×1 1/8"	300 g	8-16 bar (115-230 p.s.i.)	210 / 315



B

Optimally dimensioned tread compound together with ideal tread pattern guarantee excellent adhesion on all types of surfaces. Matter of course is long tubular life and exceptional riding properties. Thanks to a special textile protection of the sidewall and reinforcement of the tread part, these tubulars are exceptionally resistant to punctures and damages. Proven Cycle-Ball champion.

Tubulars	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
B3 26×1"	26×1"	350 g	8-16 bar (115-230 p.s.i.)	60 / 120
B3 24×1"	24×1"	320 g	8-16 bar (115-230 p.s.i.)	60 / 120
B3 22×1"	22×1"	290 g	8-16 bar (115-230 p.s.i.)	60 / 120
B3 20×1"	20×1"	260 g	8-16 bar (115-230 p.s.i.)	60 / 120
B33 26×1 1/8	26×1 1/8"	430 g	8-16 bar (115-230 p.s.i.)	60 / 120

*These models are with original tread pattern - not pictured here.



Colours ■

MS3

Tubular tyre for clincher rim of specific dimensions. The tyre has specially constructed sidewall and after inflation it holds against the rim lips and will not slip on the rim. The tyre sits mostly inside of the rim, protecting it from a side impact damage. No need to glue on the rim.

Tubulars	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
MS3 28"	28" 22 mm	330 g	12-16 bar (175-230 p.s.i.)	60 / 120
<small>Rim size 28" E.T.R.T.O. 622×21 mm</small>				
MS3 26"	26" 22 mm	315 g	12-16 bar (175-230 p.s.i.)	60 / 120
<small>Rim size 26" E.T.R.T.O. 590×21 mm</small>				
MS3 25"	25" 22 mm	315 g	12-16 bar (175-230 p.s.i.)	60 / 120
<small>Rim size 25" E.T.R.T.O. 559×21 mm</small>				
MS3 24"	24" 22 mm	300 g	12-16 bar (175-230 p.s.i.)	60 / 120
<small>Rim size 24" E.T.R.T.O. 540×21 mm</small>				



Colours ■


S3

Guaranteed specified weight for LITE model – intended for a front wheel of racing wheelchairs. ROAD models are for wheelchairs and kick scooters.

Tubulars	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
S3 20" LITE <100 g	20" 18 mm	<100 g	10-15 bar (145-220 p.s.i.)	210 / 315
S3 26" ROAD	26" 26 mm	230 g	8-15 bar (115-220 p.s.i.)	210 / 375
S3 24" ROAD	24" 26 mm	220 g	8-15 bar (115-220 p.s.i.)	210 / 375
S3 22" ROAD	22" 26 mm	210 g	8-15 bar (115-220 p.s.i.)	210 / 375
S3 20" ROAD	20" 26 mm	200 g	8-15 bar (115-220 p.s.i.)	210 / 375



MTB

Tyres	Size	Weight	Pressure	TPI Count Sidewall area / Under the tread	Colours
 XC11 TR 29"	29x2.25"	700 g	2-3.5 bar (30-50 p.s.i.)	210 / 375	
Tubulars	Size	Weight	Pressure	TPI Count Sidewall area / Under the tread	Colours
XC2 29" PLUS	29x2.00"	515 g	max. 3 bar (45 p.s.i.)	210 / 375	
XC2 29" PLUS SP	29x2.00"	545 g	max. 3 bar (45 p.s.i.)	210 / 375	
XC2 27.5" PLUS	27.5x2.00"	480 g	max. 3 bar (45 p.s.i.)	210 / 375	
XC2 27.5" PLUS SP	27.5x2.00"	510 g	max. 3 bar (45 p.s.i.)	210 / 375	
XC2 26" PLUS	26x2.00"	465 g	max. 3 bar (45 p.s.i.)	210 / 375	
XC2 26" PLUS SP	26x2.00"	495 g	max. 3 bar (45 p.s.i.)	210 / 375	
XC4 29" SP	29x2.20"	610 g	max. 3 bar (45 p.s.i.)	210 / 375	
XC4 26" SP	26x2.20"	560 g	max. 3 bar (45 p.s.i.)	210 / 375	
XC5 29"	29x2.00"	595 g	max. 3 bar (45 p.s.i.)	120 / 180	
XC5 27.5"	27.5x2.00"	560 g	max. 3 bar (45 p.s.i.)	120 / 180	
XC6 29" SP	29x2.20"	610 g	max. 3 bar (45 p.s.i.)	210 / 375	
XC6 27.5" SP	27.5x2.20"	580 g	max. 3 bar (45 p.s.i.)	210 / 375	

Due to the use of natural materials, the tyre weight can fluctuate $\pm 5\%$. For tyres with the weight specified on the tyre label, this weight is guaranteed as the highest. We reserve the right to carry out changes.



Materials & Technology

OIL SILICA
TREAD COMPOUND

CRCA

VECTRAN™ for
PUNCTURE BARRIER

PUNCTURE
PROOF PLY

TUBULAR GLUING
SYSTEM

SIDEWALL PROTECTION
SP

NO SNAKE
BITES



XC11 TR

Tubeless ready all purpose MTB tyre intended for XC and marathons. Thanks to the VECTRAN PUNCTURE BARRIER, the tyre has excellent puncture protection under the tread and more importantly at the most vulnerable part – the sidewalls. The tread pattern of the XC11 TR tyre provides low rolling resistance, self cleaning and good grip.

Tyres	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
XC11 TR 29"	29x2.25"	700 g	2-3.5 bar (30-50 p.s.i.)	210 / 375



XC2

Super high end racing model for cross country. Tubular construction and extremely low weight give your ride speed, acceleration, dynamics and lightness so far not experienced. Universal tread pattern for all types of terrain except very deep mud. Placement of the tread blocks provides for effective traction when climbing and accelerating.

Tubulars	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
XC2 29" PLUS	29x2.00"	515 g	max. 3 bar (45 p.s.i.)	210 / 375
XC2 29" PLUS SP	29x2.00"	545 g	max. 3 bar (45 p.s.i.)	210 / 375
XC2 27.5" PLUS	27.5x2.00"	480 g	max. 3 bar (45 p.s.i.)	210 / 375
XC2 27.5" PLUS SP	27.5x2.00"	510 g	max. 3 bar (45 p.s.i.)	210 / 375
XC2 26" PLUS	26x2.00"	465 g	max. 3 bar (45 p.s.i.)	210 / 375
XC2 26" PLUS SP	26x2.00"	495 g	max. 3 bar (45 p.s.i.)	210 / 375



XC4

Wider tubular with universal tread pattern for hard pack and rocky terrain. Very good shock absorption, sure ride and high puncture resistance even at very low pressures. This tubular makes "ride on the edge" possible. For cross country and marathon.

Tubulars	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
XC4 29" SP	29×2.20"	610 g	max. 3 bar (45 p.s.i.)	210 / 375
XC4 26" SP	26×2.20"	560 g	max. 3 bar (45 p.s.i.)	210 / 375





XC5

This tubular is constructed for all types of terrain – especially for mud. Suitable for highly demanding and aggressive terrain. Unique self cleaning tread pattern ensures excellent traction, special side knobs provide for stable cornering. Coarse tread makes the ride confident, tubular has very good shock absorbency and high puncture resistance.

Tubulars	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
XC5 29"	29×2.00"	595 g	max. 3 bar (45 p.s.i.)	120 / 180
XC5 27.5"	27.5×2.00"	560 g	max. 3 bar (45 p.s.i.)	120 / 180



XC6

Tubular tyre for dry and hard pack surfaces. Specially designed low profile knobs make the ride dynamic, fast and light at the same time. The knobs layout will perfectly holds you either on pavement or dirt and will not let you down while cornering. Advanced and technically skilled riders can use this tyre in rougher terrain conditions.

Tubulars	Size	Weight	Pressure	TPI Count <small>Sidewall area / Under the tread</small>
XC6 29" SP	29×2.20"	610 g	max. 3 bar (45 p.s.i.)	210 / 375
XC6 27.5" SP	27.5×2.20"	580 g	max. 3 bar (45 p.s.i.)	210 / 375





GLUING TAPE 19 MM FOR TUBULAR ROAD TYRES

For one tubular tyre.



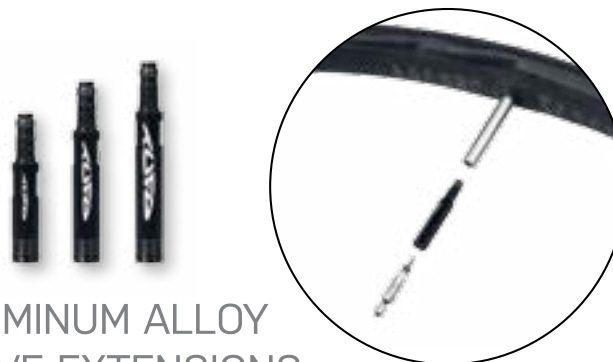
GLUING TAPE 25 MM FOR TUBULAR MTB TYRES

For one tubular tyre.



GLUING TAPE 22 MM FOR TUBULAR ROAD TYRES

For one tubular tyre.



ALUMINUM ALLOY VALVE EXTENSIONS

For high profile rims. An advantage of this extension is given by its position between the valve body and the valve itself. Protruding from the rim is the valve, not the extension thus making inflation, tyre pressure adjustment or complete deflation very easy.

As the extension is provided with an o ring seal, no self deflation is possible. Valve extension 21 / 28 / 31 mm

VALVE CORE

Replacement valve core with o-ring seal.



TYRE SEALANT STANDARD

Product for repair of flats of all TUFO tyres. It can be used after getting a flat and also preventively when applied to the inside of the tyre before use. When a flat occurs the sealant seals the puncture so the rider does not even detect getting a flat. It increases safety considerably, since fast loss of air does not occur and, consequently, rider's stability is not affected. Application through the valve stem. Accessories: valve tool. 50 ml, for 1 to 3 repairs.



TYRE SEALANT EXTREME

Very highly effective product for repair of flats of all TUFO tyres. It can be used after getting a flat ONLY. Application through the valve stem or valve opening. Accessories: valve tool. 50 ml, for 1 to 3 repairs



VALVE TOOL

For valve extensions (cut out).
For valve cores (opening).

TUFO CYCLING JERSEY

TOP Goffrato and Carbon X fabric
Made by Kalas



TUFO BACKPACK

10 Litres volume, 450 g





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