



PRODUCT CATALOGUE

| ROAD CYCLING

| TRIATHLON

| TRACK CYCLING

| CYCLO-CROSS

| CYCLE-BALL

| ARTISTIC CYCLING

| WHEELCHAIR SPORTS

| MTB

A black and white photograph of a modern, two-story industrial building with a curved roofline. The building features large windows and a prominent circular logo on the upper facade that reads 'TUFO TUBELESS BICYCLE TYRES'. A smaller version of the logo is visible on the right side of the building. In the foreground, there is a paved area with a low fence and several cars parked. A large, leafy tree is on the left side of the building.

tubeless bicycle tyres



We are changing bicycle tyre world

Company TUFO was founded in 1991, based on more than 25 years of experience in rubber tyre industry of Mr. Miloslav Klabal – founder and spirit leader of the company in one person.

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.

www.tufo.com

PRODUCT LINE	6-7
---------------------------	------------

TYRES

■ ROAD CYCLING	8-15
Tubulars & Tubular clinchers	
■ TRIATHLON	16-18
Tubulars & Tubular clinchers	
■ TRACK CYCLING	19-20
Tubulars	
■ CYCLO-CROSS	21-23
Tubulars	
■ CYCLE-BALL, ARTISTIC CYCLING	24-25
Tubulars	
■ WHEELCHAIR SPORTS	26-27
Tubulars	
■ MTB	28-30
Tubulars	



WHEELSETS

■ MTB WHEELSETS	31-33
Tubular Tyres & Carbon and Aluminium Alloy Wheelsets	
■ ROAD WHEELSETS	34-35
Tubular Tyres & Carbon Wheelsets	



ACCESSORIES

■ ACCESSORIES	36-37
----------------------------	--------------



SUMMARY OF SPECIFICATIONS	38-39
--	--------------

HOW DO WE CONTROL OUR PRODUCT QUALITY?

Every single raw material component is subject to established steps of quality control before it enters into production.

Every batch of the tread compound mixture is tested in the laboratory. Resulting quality protocol is archived for number of years.

Test run of tubular tyres / tubular clinchers is produced from every batch of a cord composite. These tyres are tested under extreme conditions in our dynamic laboratory for few thousand kilometers.

Every finished tyre is marked with a unique serial number – tyre birth certificate – indicating who and when built the tyre, casing material and tread material.

Tyre vulcanization is automatically computer controlled. Every finished tyre comes with a protocol about the tyre vulcanization progress – see picture archived for number of years.

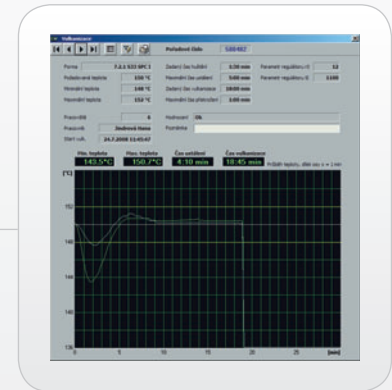
Every finished tubular tyre/tubular clincher is tested for air leaks. Inflated to 10 bars – 145 psi for 24 hour period.

Our final quality control specialist tests every finished tubular tyre/tubular clincher for roundness, correct size and overall finish. This is done visually and by hand, inch by inch around the tyre. Size is checked with a special measuring instrument.

Our products are tested with state of the art laboratory equipment:

- dynamic stress laboratory
- rolling resistance laboratory
- puncture resistance laboratory

Our tyres are also tested by professional teams and number of individual top athletes in real world conditions.



WHAT PLACES TUFO AHEAD OF THE COMPETITION?

1. SILANE VP Si 363 (manufacturer: EVONIK, Germany)

The TUFO company technicians were the first among the bicycle tyre producers who applied the newly developed SILANE VP Si 363 into the rubber tread compounds. This innovative silane was designed specifically with the aim of improving the tyre key performance characteristics. Thanks to VP Si 363 tyre provides a lower rolling resistance by more than 10 %, plus better grip under wet conditions and a smoother ride. A tyre tread with VP Si 363 has also higher durability and improves road safety by rain or shine conditions.

In specified models only.

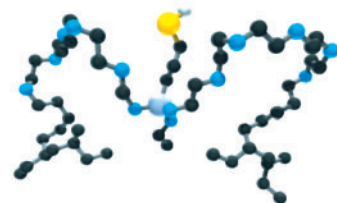
2. CARCASS RUBBER COMPOUND WITH LONG ARAMID FIBRES (CRCA) (manufacturer: TUFO)

CRCA 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.

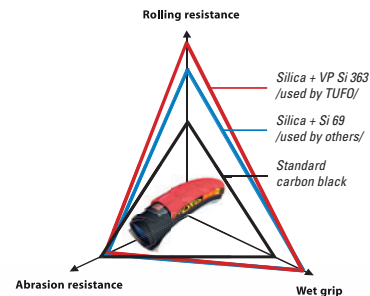
CRCA increases the puncture resistance and total carcass strength.

CRCA improves riding comfort and decreases vibrations.

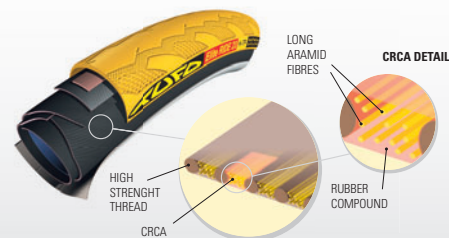
In specified models only.



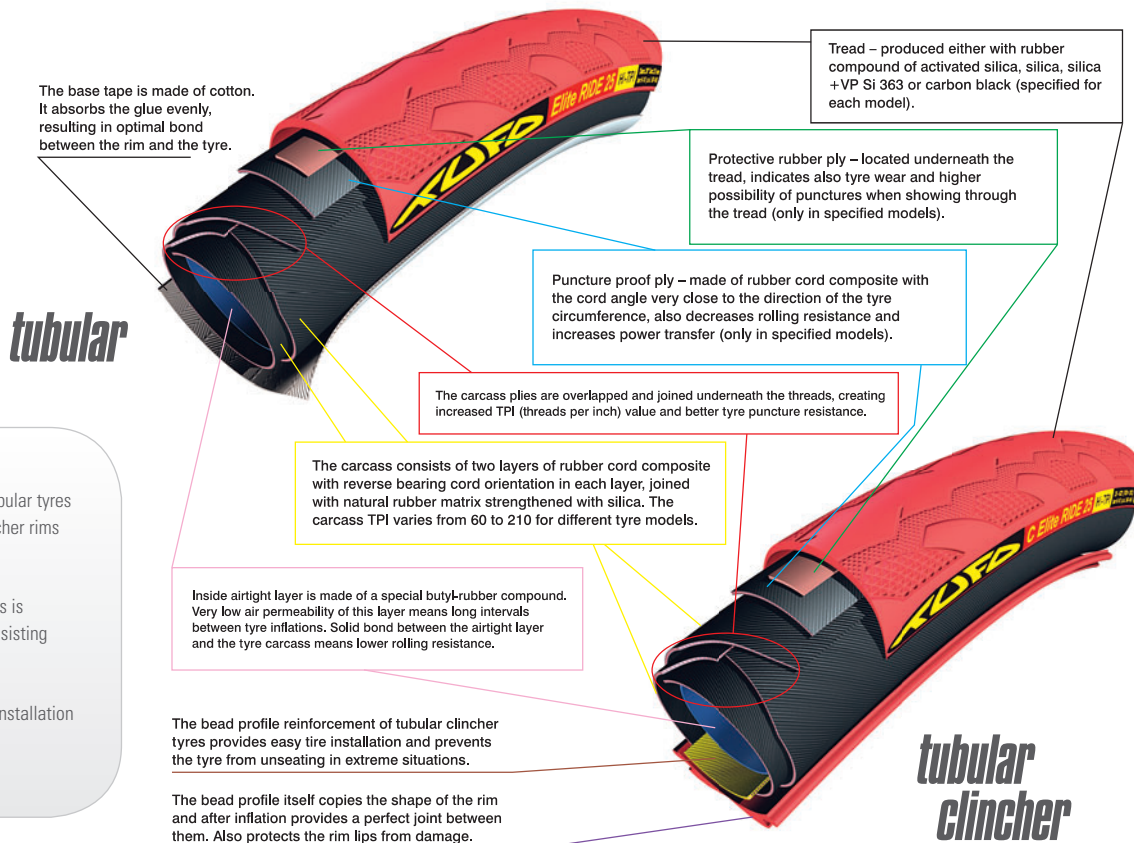
a/ Molecular structure of VP Si 363



b/ Key performance characteristics



TUBULAR AND TUBULAR CLINCHER



Our main products are tubular tyres and tubular tyres for clincher rims (tubular clinchers).

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.

HOW DOES THE TUFO TUBULAR CLINCHER WORK?



Tubular clincher mounted on a rim before inflation.



Tubular clincher after inflation.

Benefits of our tubular clinchers:

- high inflation pressures – up to 15 bars (220 psi) without any damage to the rim walls, even in a case when the rim manufacturer specifies lower inflation pressures (the pressure is contained inside the tubular clincher and does not affect the rim walls)
- same riding quality as with tubulars
- safe handling in case of punctures, the stability of a rider is not affected
- in case of emergency, the tubular clincher can be ridden flat
- the fastest and easiest installation and dismantling without any tools

HOW DOES THE TUFO TUBULAR CLINCHER WORK?

When inflated, the tubular clincher, in the same way as a tubular, is pressed towards the rim. Simultaneously, the bead blocks of the profiled rubber band spread out embedding on the rim shoulders and eliminating any rotation of the tubular clincher against the rim as well as possibility of the tubular clincher unseating. The bottom profiled bead band does not function only as a filling in the area between the rim and the tubular clincher but also plays an active role. As the tubular clincher is inflated, the band sides literally “bite” into the rim shoulders.



● carbon black tread compound

TRAINING

| S33 PRO

Training tyre for all around use with higher inflation pressure. Fine tread pattern contributes to low rolling resistance and good riding quality.

SIZE	28"
WIDTH	21 mm
WEIGHT	260 g
PRESSURE	8–12 bar (115–175 p.s.i.)
TPI COUNT	60

TRAINING

| JUNIOR 24" PRO

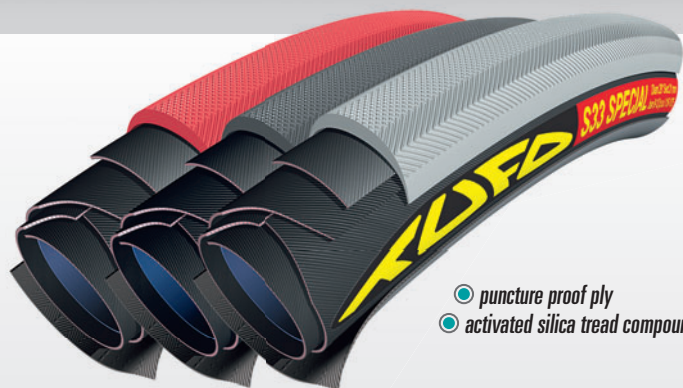
Training tyre for kids with higher inflation pressure. Fine tread pattern contributes to low rolling resistance and good riding quality.



● carbon black tread compound

SIZE	24"
WIDTH	22 mm
WEIGHT	210 g
PRESSURE	8–12 bar (115–175 p.s.i.)
TPI COUNT	60

| S33 SPECIAL



- puncture proof ply
- activated silica tread compound

SIZE	28"
WIDTH	21 mm
WEIGHT	260 g
PRESSURE	8–12 bar (115–175 p.s.i.)
TPI COUNT	120

Very popular model with high mileage and excellent puncture resistance. Fine tread pattern contributes to low rolling resistance and good riding quality.

RACING • TRAINING

| 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.

SIZE	28"
WIDTH	22 mm
WEIGHT	260 g
PRESSURE	8–12 bar (115–175 p.s.i.)
TPI COUNT	120



- puncture proof ply
- activated silica tread compound

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.

SIZE	28"
WIDTH	23 / 25 mm
WEIGHT	250 / 290 g
PRESSURE	8–15 / 6–10 bar (115–220 / 90–145 p.s.i.)
TPI COUNT	210



- puncture proof ply
- protective rubber ply
- silica+VP Si 363 tread compound
- CRCA

ELITE JET <160 g

Guaranteed specified weight. Intended for time trials and road races with good surface. In spite of super low weight, this tyre has very good puncture resistance and mileage. Possibility of very high inflation pressure, resulting in absolute minimum rolling resistance.

SIZE	28"
WIDTH	20 mm
WEIGHT	<160 g
PRESSURE	10–15 bar (145–220 p.s.i.)
TPI COUNT	210

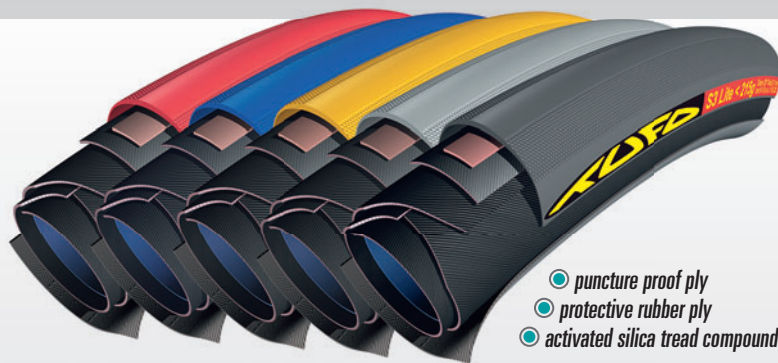


- puncture proof ply
- protective rubber ply
- silica+VP Si 363 tread compound
- CRCA

RACING

| S3 LITE < 215 g

Guaranteed specified weight. Our best selling road racing tyre. Very unique properties in this tyre weight category. High inflation pressure, minimal rolling resistance.



- puncture proof ply
- protective rubber ply
- activated silica tread compound

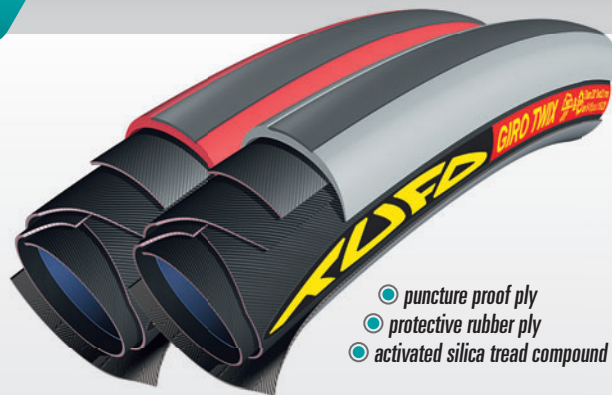
SIZE	28"
WIDTH	21 mm
WEIGHT	<215 g
PRESSURE	8–15 bar (115–220 p.s.i.)
TPI COUNT	120

RACING

| GIRO TWIX

The crown of the tread is separated by grooves from the tread shoulders. The grooves expel water from the tyre track and together with the tyre tread compound ensure excellent grip on wet road. Wide tyre tread extended over the sidewall and double tread compound composition contribute to the highest puncture resistance.

SIZE	28"
WIDTH	21 mm
WEIGHT	240 g
PRESSURE	8–15 bar (115–220 p.s.i.)
TPI COUNT	120



- puncture proof ply
- protective rubber ply
- activated silica tread compound



● carbon black tread compound

TRAINING

| C S33 PRO

Training tubular clincher tyre for all around use with higher inflation pressure. Fine tread pattern contributes to low rolling resistance and good riding quality.

SIZE	28"
WIDTH	21 mm
WEIGHT	335 g
PRESSURE	8–12 bar (115–175 p.s.i.)
TPI COUNT	60
RIM SIZE	28" 700 C E.T.R.T.O. 622×(13–15) mm

RACING • TRAINING

| C S33 SPECIAL

Very popular tubular clincher model with high mileage and excellent puncture resistance. Fine tread pattern contributes to low rolling resistance and good riding quality.

SIZE	28"
WIDTH	21 mm
WEIGHT	335 g
PRESSURE	8–12 bar (115–175 p.s.i.)
TPI COUNT	120
RIM SIZE	28" 700 C E.T.R.T.O. 622×(13–15) mm



● puncture proof ply
● activated silica tread compound

| C HI-COMPOSITE CARBON



- puncture proof ply
- activated silica tread compound

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.

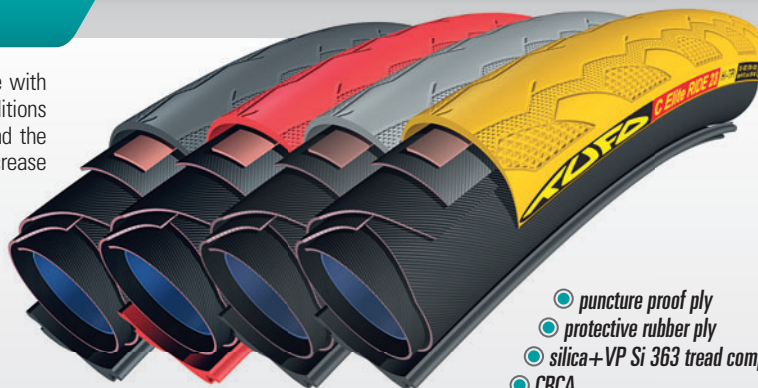
SIZE	28"
WIDTH	22 mm
WEIGHT	335 g
PRESSURE	8–12 bar (115–175 p.s.i.)
TPI COUNT	120
RIM SIZE	28" 700 C E.T.R.T.O. 622×(13–15) mm

RACING

| C 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.

SIZE	28"
WIDTH	23 / 25 mm
WEIGHT	315 / 355 g
PRESSURE	8–15 / 6–10 bar (115–220 / 90–145 p.s.i.)
TPI COUNT	210
RIM SIZE	28" 700 C E.T.R.T.O. 622×(13–15) mm



- puncture proof ply
- protective rubber ply
- silica+VP Si 363 tread compound
- CRCA

| C ELITE JET <160 g TEW



- puncture proof ply
- protective rubber ply
- silica+ VP Si 363 tread compound
- CRCA

Guaranteed specified weight. Intended for time trials and road races with good surface. In spite of super low weight, this tyre has very good puncture resistance and mileage. Possibility of very high inflation pressure, resulting in absolute minimum rolling resistance.

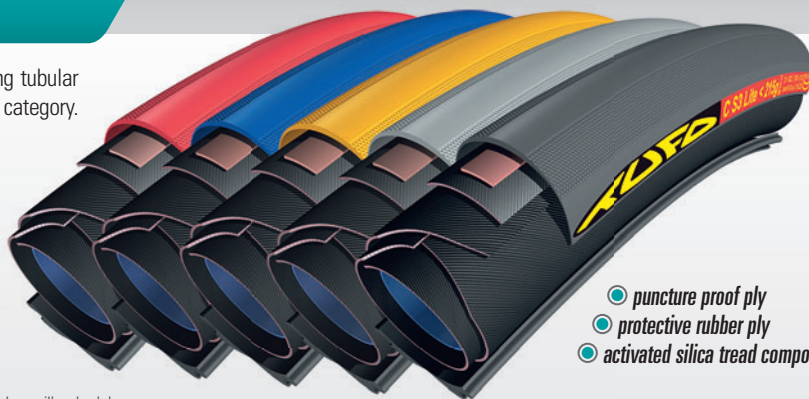
SIZE	28"
WIDTH	20 mm
WEIGHT	<160 g TEW* (<225 g total)
PRESSURE	10–15 bar (145–220 p.s.i.)
TPI COUNT	210
RIM SIZE	28" 700 C E.T.R.T.O. 622×(13–15) mm

* TEW – tyre equivalent weight – weight corresponding to open clincher tyre without a tube.

| C S3 LITE <215 g TEW

Guaranteed specified weight. Our best selling road racing tubular clincher tyre. Very unique properties in this tyre weight category. High inflation pressure, minimal rolling resistance.

SIZE	28"
WIDTH	21 mm
WEIGHT	<215 g TEW* (<280 g total)
PRESSURE	8–15 bar (115–220 p.s.i.)
TPI COUNT	120
RIM SIZE	28" 700 C E.T.R.T.O. 622×(13–15) mm



- puncture proof ply
- protective rubber ply
- activated silica tread compound

* TEW – tyre equivalent weight – weight corresponding to open clincher tyre without a tube.

RACING

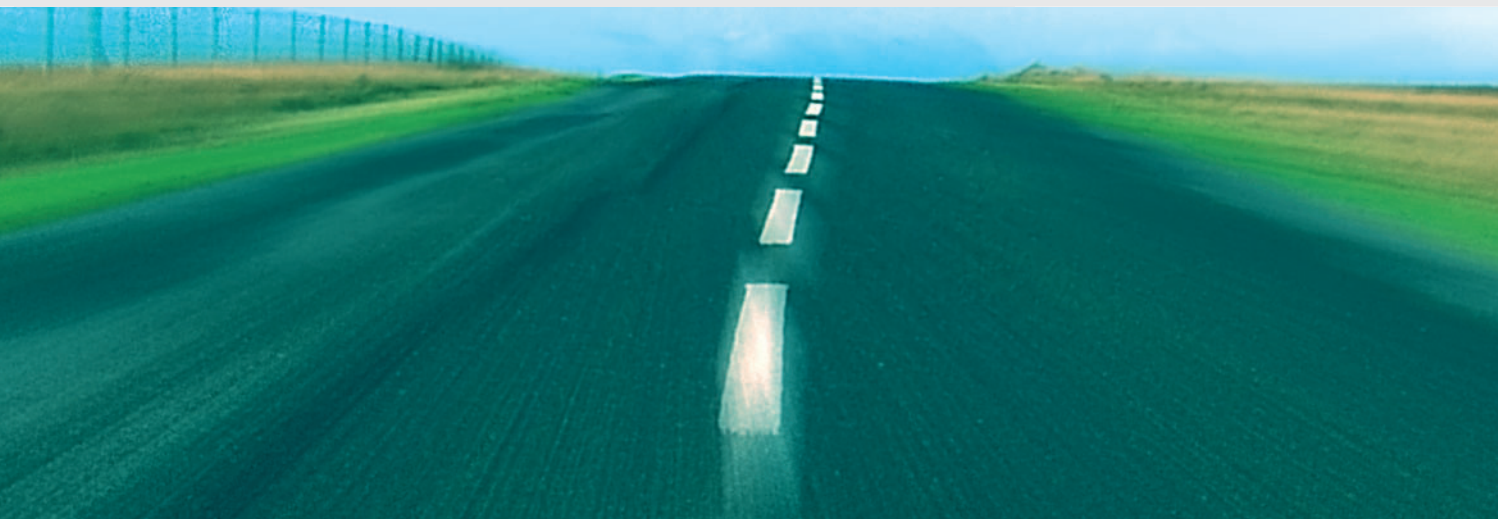
| C GIRO TWIX



- puncture proof ply
- protective rubber ply
- activated silica tread compound

The crown of the tread is separated by grooves from the tread shoulders. The grooves expel water from the tyre track and together with the tyre tread compound ensure excellent grip on wet road. Wide tyre tread extended over the sidewall and double tread compound composition contribute to the highest puncture resistance.

SIZE	28"
WIDTH	21 mm
WEIGHT	315 g
PRESSURE	8–15 bar (115–220 p.s.i.)
TPI COUNT	120
RIM SIZE	28" 700 C E.T.R.T.O. 622×(13–15) mm



| JET SPECIAL



- puncture proof ply
- activated silica tread compound

SIZE	28"
WIDTH	19 mm
WEIGHT	230 g
PRESSURE	8–12 bar (115–175 p.s.i.)
TPI COUNT	120

RACING

| 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.

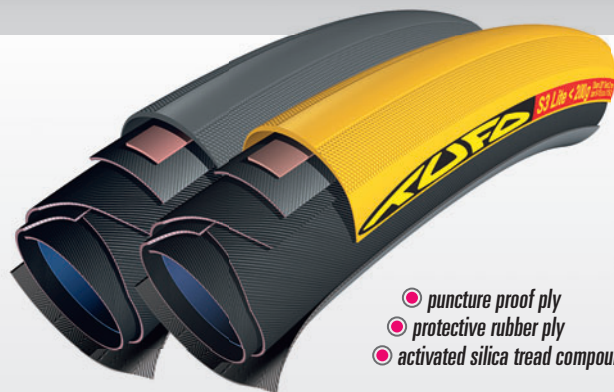
SIZE	28"
WIDTH	22 mm
WEIGHT	230 g
PRESSURE	8–15 bar (115–220 p.s.i.)
TPI COUNT	210



- puncture proof ply
- protective rubber ply
- silica+VP Si 363 tread compound
- CRCA

RACING

| S3 26" LITE <200 g



- puncture proof ply
- protective rubber ply
- activated silica tread compound

Guaranteed specified weight. Very unique properties in this tyre weight category. Possibility of high inflation pressure provides for minimal rolling resistance.

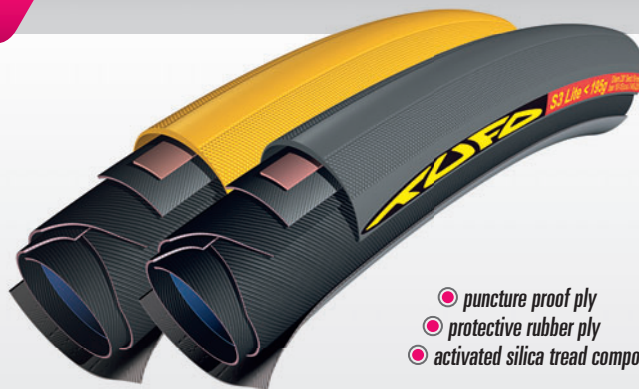
SIZE	26"
WIDTH	21 mm
WEIGHT	<200 g
PRESSURE	8–15 bar (115–220 p.s.i.)
TPI COUNT	120

RACING

| S3 LITE <195 g, S3 26" LITE <180 g

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

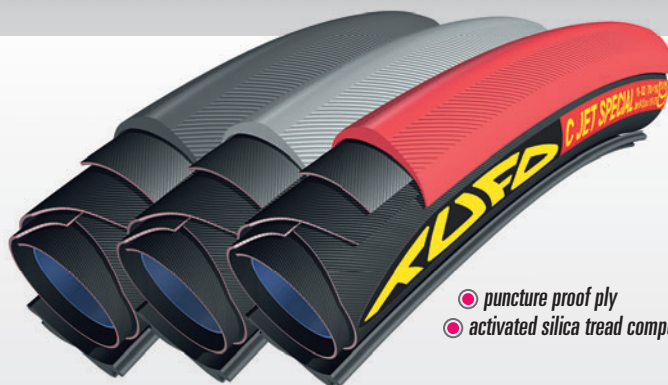
SIZE	28" / 26"
WIDTH	19 mm
WEIGHT	<195 / <180 g
PRESSURE	8–15 bar (145–220 p.s.i.)
TPI COUNT	120



- puncture proof ply
- protective rubber ply
- activated silica tread compound

RACING • TRAINING

| C JET SPECIAL, C JET 26" SPECIAL



- puncture proof ply
- activated silica tread compound

SIZE	28" / 26"
WIDTH	19 mm
WEIGHT	305 / 295 g
PRESSURE	8–12 bar (115–175 p.s.i.)
TPI COUNT	120
RIM SIZE	28" 700 C E.T.R.T.O. 622×(13–15) mm
	26" 650 C E.T.R.T.O. 571×(13–15) mm

RACING

| C 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.

SIZE	28"
WIDTH	22 mm
WEIGHT	295 g
PRESSURE	8–15 bar (115–220 p.s.i.)
TPI COUNT	210
RIM SIZE	28" 700 C E.T.R.T.O. 622×(13–15) mm



- puncture proof ply
- protective rubber ply
- silica+VP Si 363 tread compound
- CRCA

TRAINING

| S3 PRO

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



● carbon black tread compound

SIZE	28"
WIDTH	21 mm
WEIGHT	195 g
PRESSURE	8–15 bar (115–220 p.s.i.)
TPI COUNT	60

RACING • TRAINING

| S3 LITE <125 g, S3 LITE <135 g

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

SIZE	28"
WIDTH	18 / 21 mm
WEIGHT	<125 g / <135 g
PRESSURE	10–15 bar (145–220 p.s.i.)
TPI COUNT	120



● carbon black tread compound



- carbon black tread compound
- CRCA

RACING

| ELITE <110 g, ELITE <120 g

Guaranteed specified weight. The lightest tubular tyres for all track disciplines.

SIZE	28"
WIDTH	18 / 21 mm
WEIGHT	<110 / <120 g
PRESSURE	10–15 bar (145–220 p.s.i.)
TPI COUNT	210

RACING

| ELITE <110 g SL

Slick version of Elite <110 g. Smooth tread pattern, new construction and special compound guarantee minimum rolling resistance and excellent traction. Guaranteed specified weight. The lightest tubular tyre for all track disciplines.

SIZE	28"
WIDTH	19 mm
WEIGHT	<110 g
PRESSURE	10–15 bar (145–220 p.s.i.)
TPI COUNT	210



- carbon black tread compound
- CRCA

RACING • TRAINING

| CUBUS



● carbon black tread compound

The universal model suitable for most conditions including the most difficult cyclocross terrains. Aggressive tread pattern provides excellent traction and steady cornering in almost every condition. 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. Excellent puncture resistance.

SIZE	28"
WIDTH	32 mm
WEIGHT	400 g
PRESSURE	max. 4,5 bar (65 p.s.i.)
TPI COUNT	60

RACING • TRAINING

| PRIMUS

This model is suitable for most conditions except deep mud. Unique self cleaning tread pattern with side knobs provides good traction and steady cornering. Low weight, good resistance against flats.

SIZE	28"
WIDTH	32 mm
WEIGHT	400 g
PRESSURE	max. 4,5 bar (65 p.s.i.)
TPI COUNT	60



● carbon black tread compound

| DRY PLUS



● carbon black tread compound

This model is 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. Low weight, good resistance against flats.

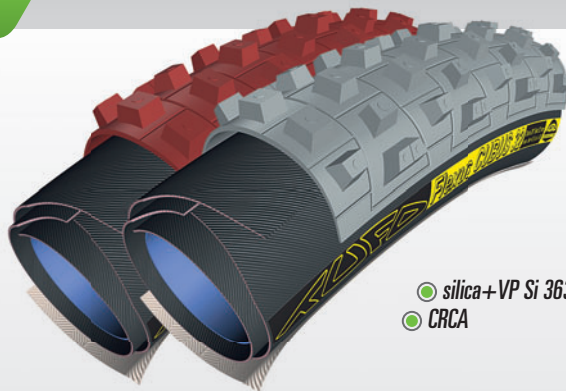
SIZE	28"
WIDTH	32 mm
WEIGHT	370 g
PRESSURE	max. 4,5 bar (65 p.s.i.)
TPI COUNT	60

RACING

| FLEXUS CUBUS

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.

SIZE	28"
WIDTH	32 / 34 mm
WEIGHT	350 / 360 g
PRESSURE	max. 4,5 bar (65 p.s.i.)
TPI COUNT	210



● silica+VP Si 363 tread compound
● CRCA

RACING

| FLEXUS PRIMUS

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. Extremely low weight, high TPI count, high resistance against flats.

SIZE	28"
WIDTH	32 / 34 mm
WEIGHT	350 / 360 g
PRESSURE	max. 4,5 bar (65 p.s.i.)
TPI COUNT	210



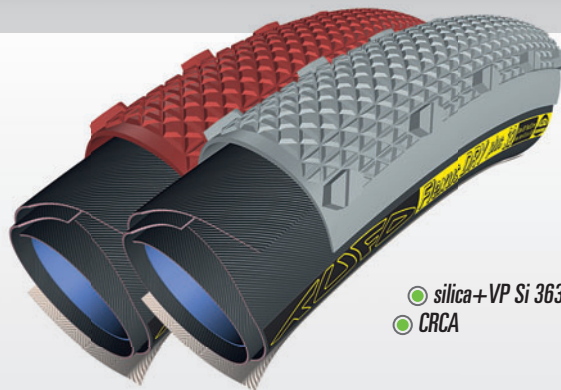
- silica+VP Si 363 tread compound
- CRCA

RACING

| FLEXUS DRY PLUS

This model is 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.

SIZE	28"
WIDTH	32 / 34 mm
WEIGHT	340 / 350 g
PRESSURE	max. 4,5 bar (65 p.s.i.)
TPI COUNT	210



- silica+VP Si 363 tread compound
- CRCA

ARTISTIC CYCLING



● silica tread compound

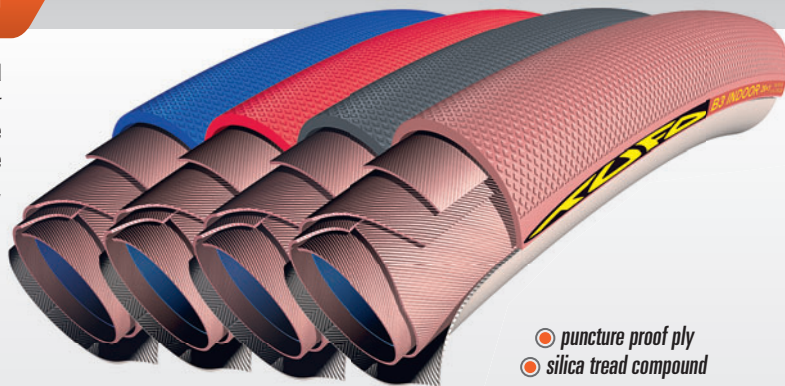
Specially developed tyre model for artistic cycling. The bicycle is very easy and smoothly to maneuver due to the round tyre tread profile. The optimal tyre tread compound provides excellent tyre adhesion on all types of surfaces. This tubular will help you to master the most difficult excersises.

SIZE	26×1 / 26×1 ^{1/8}
WEIGHT	290 / 330 g
PRESSURE	8–16 bar (115–230 p.s.i.)
TPI COUNT	210

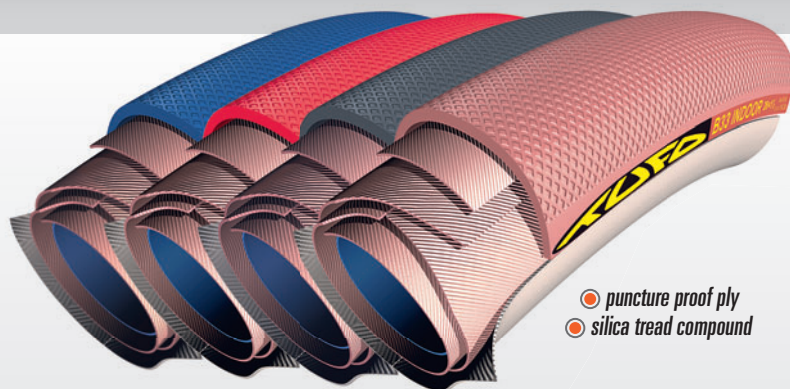
B3 26" / B3 24" / B3 22" / B3 20"

Optimally dimensioned tread compound together with ideal tread pattern guarantee excellent adhesion on all types of surfaces. Matter of course is long tyre life and exceptional riding properties. These tyres can be safely inflated up to 230 PSI. Thanks to a special textile protection of the sidewall and reinforcement of the tyre tread part, these tyres are exceptionally resistant to punctures and damages.

SIZE	26×1 / 24×1 / 22×1 / 20×1
WEIGHT	350 / 320 / 290 / 260 g
PRESSURE	8–16 bar (115–230 p.s.i.)
TPI COUNT	60



● puncture proof ply
● silica tread compound



- puncture proof ply
- silica tread compound

| B33 26"

Wider version of B3 26" model for rear wheel. Optimally dimensioned tread compound together with ideal tread pattern guarantee excellent adhesion on all types of surfaces. Matter of course is long tyre life and exceptional riding properties. These tyres can be safely inflated up to 230 PSI. Thanks to a special textile protection of the sidewall and reinforcement of the tyre tread part, these tyres are exceptionally resistant to punctures and damages.

SIZE	26×1 ^{1/8}
WEIGHT	430 g
PRESSURE	8–16 bar (115–230 p.s.i.)
TPI COUNT	60



wheelchair sportstubulars



- puncture proof ply
- activated silica tread compound

| MS3 28" / MS3 26" / MS3 25"

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.**

SIZE	28" / 26" / 25"
WIDTH	22 mm
WEIGHT	330 / 315 / 315 g
PRESSURE	12–16 bar (175–230 p.s.i.)
TPI COUNT	60
RIM SIZE	28" E.T.R.T.O. 622×21 mm 26" E.T.R.T.O. 590×21 mm 25" E.T.R.T.O. 559×21 mm



| WS3 24"

Tubular tyre for clincher rim of specific dimensions. The tyre is safely attached to the rim with special bead profile patented by Tufo. Installation is very fast and easy. Special tread compound blend with ideal tread pattern provide excellent traction on all types of indoor surfaces. **No need to glue on the rim.**

SIZE	24"
WIDTH	25 mm
WEIGHT	375 g
PRESSURE	12–16 bar (175–230 p.s.i.)
TPI COUNT	60
RIM SIZE	24" E.T.R.T.O. 540×19 mm



- puncture proof ply
- activated silica tread compound



● carbon black tread compound

| S3 20" LITE <100 g

Guaranteed specified weight. Intended for a front wheel of racing wheelchairs.

SIZE	20"
WIDTH	18 mm
WEIGHT	<100 g
PRESSURE	10–15 bar (145–220 p.s.i.)
TPI COUNT	120

XC1



- silica + VP Si 363 tread compound
- CRCA
- Tubular Gluing System compatibility

Tubular tyre for dry and hard pack surfaces. The tyre is noiseless, with minimum rolling resistance and therefore is this model also highly suitable for riding on a pavement. The tyre center has diamond tread pattern, making it very fast, dynamic and light, either on pavement or dirt. Special side knobs provide superb cornering. Advanced and technically skilled riders can use this tyre in rougher terrain conditions.

SIZE	26×1,95
WEIGHT	530 g
PRESSURE	2–6 bar (30–90 p.s.i.)
TPI COUNT	120

XC2 PRIMA

Economy version of a model XC2 PLUS. 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, excellent cornering traction and overall reliable ride under control. Robust construction provides very good puncture resistance. For cross country and marathon.

SIZE	26×2,00
WEIGHT	580 g
PRESSURE	2–4 bar (30–60 p.s.i.)
TPI COUNT	120



- activated silica tread compound
- Tubular Gluing System compatibility

| XC2 PLUS



- silica+VP Si 363 tread compound
- CRCA
- Tubular Gluing System compatibility

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, excellent cornering traction and overall reliable ride under control.

SIZE	26×2,00
WEIGHT	450 g
PRESSURE	max. 3 bar (45 p.s.i.)
TPI COUNT	210

| XC3

This unique tyre model is constructed for all types of terrain except very deep mud. Suitable for highly demanding and aggressive terrain, and everywhere where you need the tyre to hold you. Coarse tyre tread with high blocks make the ride confident, tyre has very good shock absorbency and high puncture resistance. Excellent adhesion on wet rocks and roots. This tubular tyre makes ride without limits possible.



- silica+VP Si 363 tread compound
- CRCA
- Tubular Gluing System compatibility

SIZE	26×1,95
WEIGHT	600 g
PRESSURE	2–4 bar (30–60 p.s.i.)
TPI COUNT	120



- silica + VP Si 363 tread compound
- CRCA
- Tubular Gluing System compatibility

XC4

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

SIZE	26×2,20
WEIGHT	550 g
PRESSURE	max. 3 bar (45 p.s.i.)
TPI COUNT	210



TUFO COLIBRI



Tubulars are already installed

How does the TUFO

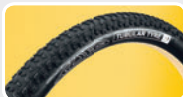
Tubular Gluing System work?



- fast and easy installation
- no mess
- safest tyre mounting system



ADAPTER FOR 6-HOLE INTERNATIONAL STANDARD (optional)



TUFO MTB TUBULAR TYRE



TUFO MTB TUBULAR GLUING TAPE



TUFO MTB TUBULAR WHEEL

Top of the line, carbon model of MTB wheels with tubular tyres intended for cross country races. In the law of physics, in the case of acceleration, one gram saved on a wheel circumference is worth two grams saved on a bicycle frame. Our simultaneous development of rims and tubular tyres resulted in maximum reduction of weight on a wheel circumference. Carbon wheels with Tufo tubular tyres have these exceptional riding properties: lightning fast acceleration, easy maneuverability and traction control.

TUFO COLIBRI kit consists of:

TUFO MTB TUBULAR TYRE SET

Model: XC2 PLUS
Category: Racing
Weight: 450 g
Size: 26x2,00
Pressure: max. 3 bar (45 p.s.i.)
TPI count: 210
Compatibility: 

TUFO TUBULAR GLUING TAPE SET

Model: MTB
Weight: 30 g
Compatibility: 

TUFO MTB TUBULAR CARBON WHEELSET

Model: COLIBRI
Rim: carbon composite material, excellent workmanship, profile 25 mm
Spoke / Nipple:

Sapim CX Ray 2,0–2,3/0,9–2,0

Aluminium nipples are inside of the rim (invisible)

Lacing: front wheel / rear wheel: 2x cross, 24 spokes

Hub: DT SWISS 190 Ceramic center lock

Quick releases: RWS Titan

Category: Racing

Weight: approx. 1190 g / set
(without quick releases)

Accessories: nipple tool, TUFO tyre sealant EXTREME

Rider weight limit: 82 kg

Compatibility: 



Tubulars are already installed

How does the TUFO

**Tubular
Gluing
System
work?**



- fast and easy installation
- no mess
- safest tyre mounting system



ADAPTER FOR 6-HOLE INTERNATIONAL STANDARD (optional)



TUFO MTB TUBULAR TYRE



TUFO MTB TUBULAR GLUING TAPE



TUFO MTB TUBULAR WHEEL

TUFO XC LP

Bestseller in this category. Very reliable wheelset proven by podium marathon finishes as Crocodile Trophy, Iron Bike a Nissan Titan Desert. Carbon rim strengtened with aramid layer make these wheels very stiff and durable. Intended for marathons and cross country.

TUFO XC LP kit consists of:

TUFO MTB TUBULAR TYRE SET

Model: XC2 PLUS
Category: Racing
Weight: 450 g
Size: 26x2,00
Pressure: max. 3 bar (45 p.s.i.)
TPI count: 210
Compatibility: 

TUFO TUBULAR GLUING TAPE SET

Model: MTB
Weight: 30 g
Compatibility: 

TUFO MTB TUBULAR CARBON WHEELSET

Model: XC LP
Rim: carbon material, excellent workmanship, low profile 25 mm
Spoke / Nipple:

Sapim CX Ray 2,0-2,3/0,9-2,0
Aluminium nipples are inside of the rim (invisible)

Lacing: front wheel / rear wheel: 2x cross, 24 spokes
Hub: DT SWISS 240s center lock inc. quick releases
Category: Racing
Weight: approx. 1350 g / set
(without quick releases)

Accessories: nipple tool, TUFO tyre sealant EXTREME

Rider weight limit: 92 kg

Compatibility: 

TUFO ALCA

To assemble these ALCA MTB tubular wheels, we use light and stiff aluminium rims and strong SAPIM spokes, high quality DT SWISS hubs and innovative design. And reliable tubular tyres XC2 PRIMA. For cross country and marathon. Excellent riding qualities of tubular tyres combined with highly efficient power transfer give your ride dynamics and lightness.

TUFO ALCA kit consists of:

TUFO MTB TUBULAR TYRE SET

Model: XC2 PRIMA
 Category: Racing / Training
 Weight: 580 g
 Size: 26x2,00
 Pressure: 2-4 bar (30-60 p.s.i.)
 TPI count: 120
 Compatibility: 

TUFO TUBULAR GLUING TAPE SET

Model: MTB
 Weight: 30 g
 Compatibility: 

TUFO TUBULAR ALUMINIUM ALLOY WHEELSET

Model: ALCA
 Rim: aluminium alloy 6082 T6, 28 holes
 Spoke / Nipple: Sapim CX Ray 2,0-2,3/0,9-2,0 aluminium nipples
 Lacing: front wheel / rear wheel: 3x cross, 28 spokes
 Hub: DT SWISS 350 center lock incl. quick releases
 Category: Racing / Training
 Weight: approx. 1500 g / set (without quick releases)
 Accessories: TUFO tyre sealant EXTREME
 Rider weight limit: 102 kg
 Compatibility: 



Tubulars are already installed

How does the TUFO

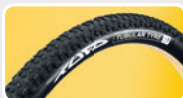
Tubular Gluing System work?



- fast and easy installation
- no mess
- safest tyre mounting system



ADAPTER FOR 6-HOLE INTERNATIONAL STANDARD (optional)



TUFO MTB TUBULAR TYRE



TUFO MTB TUBULAR GLUING TAPE



TUFO MTB TUBULAR WHEEL



**Tubulars are already
installed**



TUFO CYCLONE

Top of the line, carbon model of road wheels with tubular tyres Tufo. Wheelset CYCLONE is for your race day. Light, aerodynamic, with fantastic acceleration, stiffness and high stability. As all carbon wheels from Tufo, CYCLONE wheelset comes with Tufo tubular tyres installed.

TUFO CYCLONE kit consists of:

TUFO TUBULAR TYRE SET

Model: S3 LITE <215 g
(incl. valve extension 21 mm: 1,5 g)
Category: Racing
Weight: <215 g
Size: 28"
Width: 21 mm
Pressure: 8–15 bar (115–220 p.s.i.)
TPI count: 120

TUFO TUBULAR GLUING TAPE SET

Model: ROAD
Weight: 30 g

TUFO TUBULAR CARBON WHEELSET

Model: CYCLONE
Rim: carbon composite material, profile 50 mm
Spoke / Nipple:

Sapim CX Ray 2,0–2,3/0,9–2,0

Aluminium nipples are inside of the rim (invisible)

Lacing:
front wheel: radial, 20 spokes
rear wheel – gear side: 2x cross, 12 spokes
rear wheel – non-gear side: radial, 12 spokes

Hub: DT SWISS 190 Ceramic,
options – Shimano cassette 10 speed,
Campagnolo cassette 9/10 speed,
incl. quick releases

Category: Racing
Weight: approx. 1400 g / set (without quick releases)

Accessories: brake pads (for Shimano / Campagnolo), nipple tool,
TUFO tyre sealant EXTREME

Rider weight limit: 82 kg



**Tubulars are already
installed**



TUFO CARBONA

Carbon wheelset CARBONA 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 tyres.

TUFO CARBONA kit consists of:

TUFO TUBULAR TYRE SET

Model: HI-COMPOSITE CARBON
(incl. valve extension 21mm: 1,5 g)
Category: Racing / Training
Weight: 260 g
Size: 28"
Width: 22 mm
Pressure: 8–12 bar (115–175 p.s.i.)
TPI count: 120

TUFO TUBULAR GLUING TAPE SET

Model: ROAD
Weight: 30 g

TUFO TUBULAR CARBON WHEELSET

Model: CARBONA
Rim: carbon composite material, profile 38 mm
Spoke / Nipple: Sapim Race 2,0
Aluminium nipples are inside of the rim (invisible)
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 – Shimano cassette 8/9/10 speed,
Campagnolo cassette 9/10 speed,
incl. quick releases
Category: Racing / Training
Weight: approx. 1500 g / set (without quick releases)
Accessories: brake pads (for Shimano / Campagnolo),
nipple tool, TUFO tyre sealant EXTREME
Rider weight limit: 82 kg

TUFO TWO SIDED TUBULAR TYRE GLUING TAPE

GLUING TAPE FOR TUBULAR ROAD TYRES

For one tubular tyre
Tape width: 19 mm



GLUING TAPE FOR TUBULAR MTB TYRES

For one tubular tyre
Tape width: 25 mm

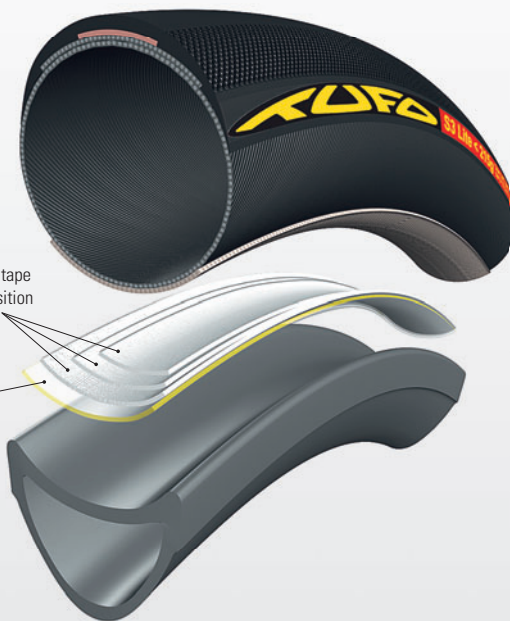


We have developed special two sided tubular gluing tape for installing our tubulars on carbon or aluminium alloy rim. This tape is very different from all the similar products on the market. It has never been easier and faster to glue a tubular tyre. No waiting time for glue to dry, activated surface of the gluing tape facilitates perfect adhesion of a tubular to a rim after a few meters of riding. No messy glue on rims, tubulars or hands, no harmful vapors. Removable red backing strip makes centering of a tubular very easy.



Three stepped off layers of the gluing tape with active surface make perfect transition between the rim and tubular profiles

Thin transparent layer for perfect adhesion to carbon and aluminium alloy rims





TUFO TYRE SEALANT

New tube packaging with resealable cap and larger opening for easier application.

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

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

TUFO sealant (both types)

50 ml, for 1 to 3 repairs

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



VALVE TOOL

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



summary of specifications



		Use	Model	Size	Total weight	Pressure	TPI	Page	
ROAD CYCLING	TUBULARS	TRAINING	S33 PRO	28" 21 mm	260 g	8–12 bar (115–175 p.s.i.)	60	8	
			JUNIOR 24" PRO	24" 22 mm	210 g	8–12 bar (115–175 p.s.i.)	60	8	
		RACING / TRAINING	S33 SPECIAL	28" 21 mm	260 g	8–12 bar (115–175 p.s.i.)	120	9	
			HI-COMPOSITE CARBON	28" 22 mm	260 g	8–12 bar (115–175 p.s.i.)	120	9	
		RACING	ELITE RIDE 23	28" 23 mm	250 g	8–15 bar (115–220 p.s.i.)	210	10	
			ELITE RIDE 25	28" 25 mm	290 g	6–10 bar (90–145 p.s.i.)	210	10	
			ELITE JET <160 g	28" 20 mm	<160 g	10–15 bar (145–220 p.s.i.)	210	10	
			S3 LITE <215 g	28" 21 mm	<215 g	8–15 bar (115–220 p.s.i.)	120	11	
			GIRO TWIX	28" 21 mm	240 g	8–15 bar (115–220 p.s.i.)	120	11	
			C S33 PRO	28" 21 mm	335 g	8–12 bar (115–175 p.s.i.)	60	12	
	TUBULAR CLINCHERS	TRAINING	C S33 PRO	28" 21 mm	335 g	8–12 bar (115–175 p.s.i.)	60	12	
			RACING / TRAINING	C S33 SPECIAL	28" 21 mm	335 g	8–12 bar (115–175 p.s.i.)	120	12
				C HI-COMPOSITE CARBON	28" 22 mm	335 g	8–12 bar (115–175 p.s.i.)	120	13
		RACING	C ELITE RIDE 23	28" 23 mm	315 g	8–15 bar (115–220 p.s.i.)	210	13	
			C ELITE RIDE 25	28" 25 mm	355 g	6–10 bar (90–145 p.s.i.)	210	13	
			C ELITE JET <160 g TEW *	28" 20 mm	<225 g	10–15 bar (145–220 p.s.i.)	210	14	
	C S3 LITE <215 g TEW *	28" 21 mm	<280 g	8–15 bar (115–220 p.s.i.)	120	14			
	C GIRO TWIX	28" 21 mm	315 g	8–15 bar (115–220 p.s.i.)	120	15			



TRIATHLON	TUBULARS	RACING / TRAINING	JET SPECIAL	28" 19 mm	230 g	8–12 bar (115–175 p.s.i.)	120	16
		RACING	ELITE PULSE	28" 22 mm	230 g	8–15 bar (115–220 p.s.i.)	210	16
			S3 26" LITE <200 g	26" 21 mm	<200 g	8–15 bar (115–220 p.s.i.)	120	17
			S3 LITE <195 g	28" 19 mm	<195 g	10–15 bar (145–220 p.s.i.)	120	17
			S3 26" LITE <180 g	26" 19 mm	<180 g	10–15 bar (145–220 p.s.i.)	120	17
	TUBULAR CLINCHERS	RACING / TRAINING	C JET SPECIAL	28" 19 mm	305 g	8–12 bar (115–175 p.s.i.)	120	18
			C JET 26" SPECIAL	26" 19 mm	295 g	8–12 bar (115–175 p.s.i.)	120	18
		RACING	C ELITE PULSE	28" 22 mm	295 g	8–15 bar (115–220 p.s.i.)	210	18



TRACK CYCLING	TUBULARS	TRAINING	S3 PRO	28" 21 mm	195 g	8–15 bar (115–220 p.s.i.)	60	19
		RACING / TRAINING	S3 LITE <125 g	28" 18 mm	<125 g	10–15 bar (145–220 p.s.i.)	120	19
			S3 LITE <135 g	28" 21 mm	<135 g	10–15 bar (145–220 p.s.i.)	120	19
			ELITE <110 g	28" 18 mm	<110 g	10–15 bar (145–220 p.s.i.)	210	20
		RACING	ELITE <120 g	28" 21 mm	<120 g	10–15 bar (145–220 p.s.i.)	210	20
			ELITE <110 g SL	28" 19 mm	<110 g	10–15 bar (145–220 p.s.i.)	210	20

*TEW – tyre equivalent weight – weight corresponding to open clincher tyre without a tube

summary of specifications

		Use	Model	Size	Total weight	Pressure	TPI	Page
	CYCLO-CROSS	RACING / TRAINING	CUBUS 32	28" 32 mm	400 g	max. 4,5 bar (65 p.s.i.)	60	21
			PRIMUS 32	28" 32 mm	400 g	max. 4,5 bar (65 p.s.i.)	60	21
			DRY PLUS 32	28" 32 mm	370 g	max. 4,5 bar (65 p.s.i.)	60	22
		RACING	FLEXUS CUBUS 32	28" 32 mm	350 g	max. 4,5 bar (65 p.s.i.)	210	22
			FLEXUS CUBUS 34	28" 34 mm	360 g	max. 4,5 bar (65 p.s.i.)	210	22
			FLEXUS PRIMUS 32	28" 32 mm	350 g	max. 4,5 bar (65 p.s.i.)	210	23
			FLEXUS PRIMUS 34	28" 34 mm	360 g	max. 4,5 bar (65 p.s.i.)	210	23
			FLEXUS DRY PLUS 32	28" 32 mm	340 g	max. 4,5 bar (65 p.s.i.)	210	23
			FLEXUS DRY PLUS 34	28" 34 mm	350 g	max. 4,5 bar (65 p.s.i.)	210	23
	CYCLE-BALL ARTISTIC CYCLING	TUBULARS	ARTISTIC CYCLING	26x1	290 g	8–16 bar (115–230 p.s.i.)	210	24
			ARTISTIC CYCLING	26x1 1/8	330 g	8–16 bar (115–230 p.s.i.)	210	24
			B3 26"	26x1	350 g	8–16 bar (115–230 p.s.i.)	60	24
			B3 24"	24x1	320 g	8–16 bar (115–230 p.s.i.)	60	24
			B3 22"	22x1	290 g	8–16 bar (115–230 p.s.i.)	60	24
			B3 20"	20x1	260 g	8–16 bar (115–230 p.s.i.)	60	24
			B33 26"	26x1 1/8	430 g	8–16 bar (115–230 p.s.i.)	60	25
	WHEELCHAIR SPORTS	TUBULARS	MS3 28"	28" 22 mm	330 g	12–16 bar (175–230 p.s.i.)	60	26
			MS3 26"	26" 22 mm	315 g	12–16 bar (175–230 p.s.i.)	60	26
			MS3 25"	25" 22 mm	315 g	12–16 bar (175–230 p.s.i.)	60	26
			WS3 24"	24" 25 mm	375 g	12–16 bar (175–230 p.s.i.)	60	26
			S3 20" LITE <100 g	20" 18 mm	<100 g	10–15 bar (145–220 p.s.i.)	120	27
	MTB	TUBULARS	XC1	26x1,95	530 g	2–6 bar (30–90 p.s.i.)	120	28
			XC2 PRIMA	26x2,00	580 g	2–4 bar (30–60 p.s.i.)	120	28
			XC2 PLUS	26x2,00	450 g	max. 3 bar (45 p.s.i.)	210	29
			XC3	26x1,95	600 g	2–4 bar (30–60 p.s.i.)	120	29
			XC4	26x2,20	550 g	max. 3 bar (45 p.s.i.)	210	30
	WHEELSETS	MTB	COLIBRI					31
			XC LP					32
			ALCA					33
		ROAD CYCLING	CYCLONE					34
			CARBONA					35

Due to the use of natural materials, the tyre weight can fluctuate ± 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.



WE ARE CHANGING BICYCLE TYRE WORLD

TUFO

U Letiste 1857
765 02 Otrokovice
THE CZECH REPUBLIC

Tel.: +420 577 112 750

Fax: +420 577 112 760

e-mail: info@tufo.com

www.tufo.com

