

2005



Panaracer

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## 2005 Introduction

For 2005 we haven't stopped innovating or researching new ways to make your cycling experience better and more enjoyable.

A revamped SpeedBlaster—SpeedBlaster Race Lite, a new cross tire, Fire Cross and a 24" Fire FR lead the charge in our new MTB offerings for 2005 while the Cinder, Fire XC and the ageless Smoke and Fire round-out the MTB offerings. Just a note on the Fire XC, Bicycling Magazine chose it as 2004's "Best All Mountain Tire."

On the road side, the Extreme and Crosstown span the depth of our road line. The success of the Crosstown tire has prompted more size offerings. We also off a better wearing Extreme Duro with a reinforced casing and a lighter Extreme Lite. The Extreme is the tire that prompted the "highway or pavé" ad. Hot or cold, wet or dry the Extreme is our finest road clincher. Well worth a try for any performance oriented racing or sport cyclist.

Often overlooked but never forgotten is our tubular line. Six models and thirteen sizes is an exceptional offering of tubular tires. Training, road racing and wheelchair models are all available

And don't forget our tubes, X'Air and the new R'Air offer the ride of latex with the functionality of butyl. Definitely worth a look.

Our continued and growing sponsorship of MTB and road racing teams keeps the information and feedback flowing to our engineers. This helps deliver a product that will keep cyclists coming back again and again for to Panaracer tires.

Take a look through our catalog and find out what happens when technology, sport and passion meet at the contact patch of a bicycle tire.



## Research & Development

Our R&D department is always moving forward. Tire technology is a constant search for new materials, processes, and methods to make tires interact and wear better with whatever surface or environment they are rolling on. Asphalt or mud, the surface your tires contact on a single ride may vary widely. Our goal will always be to make your ride faster, more enjoyable and safer.

Our tires are developed and manufactured by us. The development team and the R&D is all done at Panaracer. Honestly, it's the best way to produce award winning tires.

Take some time to read the technical descriptions of our various technologies to better understand how our R&D can benefit the tires we produce and ultimately your cycling experience.



## Technology



A new ZSG compound currently incorporated into our latest high-end tires. ZSG Ultima™ compound allows incredible of grip in wet or dry conditions.



Super supple proprietary casing. This incredibly strong casing is layered in a 3-Dimensional configuration to provide great feel of the road while warding off objects that may cut your tires. Tough and lightweight compared to other protective casings on the market. Excellent for training or racing.



Universal Tubeless System Developed by Mavic, the UST system allows you to run your tires at lower pressure for unheard of traction and control. Pinch flats are virtually eliminated and ride quality is improved.



Panaracer incorporates a proprietary anti-rebound rubber strip that reduces the chance of pinch flats by an average of 40%!



This new formula integrates more natural rubber into the compound. This compound has the same low rolling resistance as the premium compound and its enhanced wear resistance makes it perfect for a training tire.



Tourguard is an Aramid fiber belt placed underneath tread to improve puncture resistance without sacrificing weight or tire performance.



Extremely narrow 0.14 diameter cord is weaved at super high density into the casing for lightness and flexibility. This increased density improves resistance to cuts and abrasions.



The center tread offers great all weather traction and superb acceleration. At the cornering edge is sticky zero-carbon ZSG Natural. Slightly more silica in the compound closer to the casing offers strength and a better ride.



Aramid fiber is the same material as Kevlar® and Twaron®. Kevlar® is a Dupont registered trademark. Twaron® is a registered trademark for Akzo Nobel the Netherlands' Aramid fiber.

Designed from the trail up, our off-road line is the result of over 18 years of MTB tire development and production. We've been there since almost the beginning with Smoke and Dart at the forefront of our off-road tire legacy. Not content to rest on our laurels we continue to push the envelope year after year to improve your cycling experience. Our tires are developed and manufactured by us. The development team and the R&D is all done by us in-house. Honestly, it's the best way to produce award winning tires.



The Fire XC Pro UST was designed to offer excellent traction and cornering in just about any terrain without the penalty of high rolling resistance or soft, fast wearing tread compounds. The Torch Tread design offers multi-height hard compound knobs for outstanding performance on hard and soft terrain. The Burning Edge side knob pattern serves up predictable cornering even at hard angles. The UST version offers tubeless performance.

## Fire XC Pro UST

SIZES: 26 x 2.1"  
BEAD: ARAMID



TrailBlaster XC UST is an all condition tire with UST tubeless technology. With its ZSG Natural-Plus compound, TrailBlaster gives you're the control ascending or descending that you need for smooth transitions, excellent mud shedding abilities, and all around, put-em-on-and-forget-about-it performance.



## TrailBlaster XC UST

SIZES: 26 x 1.95"  
BEAD: ARAMID







The heir apparent to the XC Fire, the Cinder incorporates our newest compound technology ZSG Ultima. This compound performs unlike any other that we've ever developed. Hot or cold, wet or dry, ZSG-Ultima is up to the task. Add to this our progressive multi-height knob configuration and the Cinder just rolls away from the Fire XC in terms of overall performance. ASB keeps away the pinchies and "Absolute F&R" design makes it work well on the front or rear.

## Cinder

SIZES: 26 x 1.95", 2.1", 2.25"  
BEAD: ARAMID OR STEEL



A revamped and lighter Speedblaster creates the perfect combination of a full knobby with the low rolling resistance of a semi-slick. Super light and super tough, it rolls fast with great grip. Panaracer's unique tentacle like tread design provides a perfect combination of grip and control with great cornering function due to the specially formulated side lugs. 350g for the 1.75 size and 420g for the 1.95.



## SpeedBlaster Race Lite

SIZES: 26 x 1.75", 1.95"  
BEAD: ARAMID

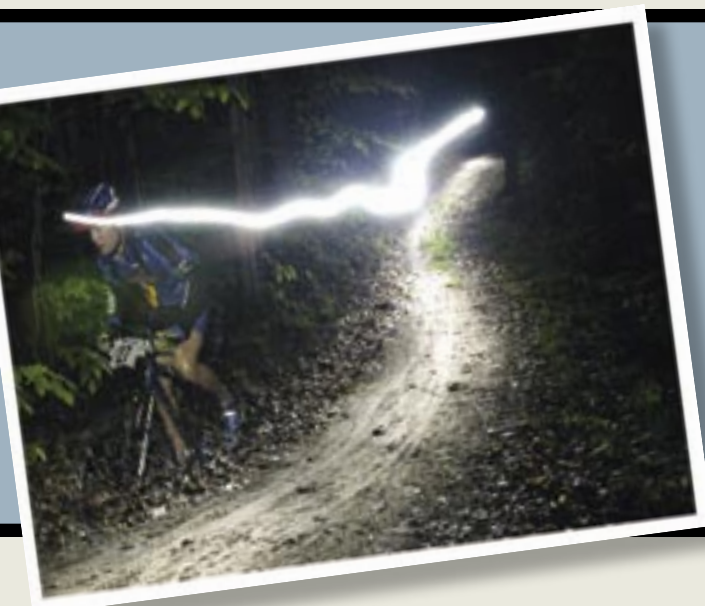




The Fire DH double polyester-belted sidewall features an extra layer of rubber that reinforces the casing. Add silica compound and you have one tough sidewall that wards off punctures and allows you to run super low PSI for maximum traction. The Fire DH Pro provides the extra stability needed in high-speed downhill and slalom competition. The sidewalls are stiff and the center tread is engineered for better traction and braking.

## Fire DH

SIZES: 26 x 2.3"  
BEAD: ARAMID



The Fire XC Pro design offers excellent traction and cornering in just about any terrain without the penalty of high rolling resistance or soft fast wearing tread compounds. The Torch tread design offers multi-height hard compound knobs for performance on hard and soft terrain. The Burning Edge side knob pattern serves up predictable cornering even at hard angles.



"Best All Mountain Tire"

## Fire XC Pro

SIZES: 26 x 2.1", 1.8"  
BEAD: ARAMID OR STEEL







The Fire FR 2.4 makes an excellent freeride or "lite" downhill tire. Its distinct tread pattern allows it to perform well in all conditions and on all terrain. The FR combines a wider 2.4" stance that the Fire XC but incorporates all of the outstanding features of the XC including Burning Edge side knobs and Torch tread designs. Available in Aramid or steel beads and in all black or a red/black color combination. NEW for 2005, an all new 24 x 2.4" size.

## Fire FR

SIZES: 26 x 2.4", 24 x 2.4"  
BEAD: ARAMID OR STEEL



Narrow lighter footprint provides much better control in the mud over the bike. Aggressively spaced 5 mm knobs dig down to the optimal depth in mud to scoot you over the slick stuff and not bog you down in the deep stuff. Made of super hard rubber, these knobs won't tear away in extreme conditions. Their light weight helps get you over and out of muck where other tires might leave you stuck and stranded.



## Fire Mud

SIZES: 26 x 1.8"  
BEAD: ARAMID





TrailRaker excels in especially soft conditions whether wet or dry. With the knob pattern closer to the center of the tire, the TrailRaker provides maximum grip on even the most extreme cambers yet will not clog up, even in the muddiest of conditions. Additionally, we've incorporated ASB and ZSG technology to make the TrailRaker an outstanding performer in its class. All NEW for 2005, 26" x 2.1.

## TrailRaker

SIZES: 26 x 1.95", 2.1"  
BEAD: ARAMID OR STEEL



The FireCross is based upon the award winning Fire XC Pro. An excellent cross tire, it sheds mud well, rolls well on dry hard surfaces and won't blow your confidence in hard corners. It'll fit that 29" bike and grip the trail well even when climbing out of the saddle. Black only.

## FireCross

SIZES: 700 x 45c  
BEAD: ARAMID OR STEEL



The lightest Aramid cyclo-cross tire currently available! Weighing in at 280g, this full knobbed cross tire is just what you need to get through the muck and mud on a gruelling cross race. Stiff but compliant sidewalls help you keep your line while open, aggressive knobs dig in when you need it most. 700 x 31c blackwall only. Cross is hot.

## CrossBlaster

SIZES: 700 x 31c  
BEAD: ARAMID OR STEEL







With its ZSG Natural-Gradated compound and Bi-Bond structure, TrailBlaster gives you're the control going up or down you need for smooth transitions, excellent mud shedding abilities, and all around, ride-em and forget-em performance. Four fancy colors insures that you'll have a set to match your favorite bike's paint scheme. So important when you are trying to get her to join you on the trail.

## TrailBlaster

SIZES: 26 x 1.8", 1.95", 2.1"  
BEAD: ARAMID



It has been over 12 years since the Smoke first revolutionized mountain bike tire design. Tried and true. That's the Smoke and Dart. The rear Smoke Classic's 3D knobs lay down climbing and braking grip, while the front Dart Classic's arrow shaped tread will never steer you wrong. Just call them oldies but goodies.

## Smoke & Dart Classic

SIZES: 26 x 2.1"  
BEAD: ARAMID OR STEEL



MTB Tires	model	application	colors	sizes	bead	tpi	weight	technology
	fire ust	xc racing	black	26" x 2.1"	aramid	66	730g	ust
	fire xc pro	xc racing, all condition	blk, red, blu, yell	26" x 2.1"	aramid/steel	126/27	590g/700g	asb/hc-sc/bax
	fire xc pro	xc racing, all condition	blk, red, blu, yell	26" x 1.8"	aramid/steel	126/27	500g/600g	asb/hc-sc/bax
	fire mud	racing, mud specific	black red	26" x 1.8"	aramid	126	420g	asb/hc-sc/bax
	fire dh	dh racing, free riding	black red	26" x 2.3"	aramid	66	1020g	asb/hc-sc/bax
	fire fr*	all condition free riding	black, black/red	26" x 2.4"	aramid/steel	60/27	860g/1010g	standard
	fire fr*	jumping/urban	black, black/red	24" x 2.4"	steel	27	930g	standard
	fire cross*	cyclo-cross	black	700 x 45c"	aramid/steel	60/27	690g/810g	standard
	trailblaster ust	xc	black	26" x 1.95"	aramid	66	680g	ust
	trailblaster	xc	blk, red, blu, yell	26" x 2.10"	aramid/steel	126/66	520g/600g	asb/zsg-natural
	trailblaster	xc	blk, red, blu, yell	26" x 1.95"	aramid/steel	126/66	500g/570g	asb/zsg-natural
	trailblaster	xc	blk, red, blu, yell	26" x 1.80"	aramid/steel	126/66	400g/460g	asb/zsg-natural
	speedblaster race lite	xc dry condition race	black	26" x 1.95"	aramid	126	420g	asb/zsg-natural
	speedblaster race lite	xc dry condition race	black	26" x 1.75"	aramid	126	360g	asb/zsg-natural
	crossblaster	cyclo-cross	black	700 x 31c"	aramid	126	280g	asb/bax
	smoke	xc racing or riding	black	26" x 2.1"	aramid/steel	126/27	590g/700g	asb
	dart	xc racing or riding	black	26" x 2.1"	aramid/steel	126/27	580g/690g	asb
	cinder	freeride xc	black/black red	26" x 2.25"	aramid/steel	66	760g/810g	asb/zsg-ultima
	cinder	freeride xc	black/black red	26" x 2.1"	aramid/steel	66	650g/700g	asb/zsg-ultima
	cinder	freeride xc	black/black red	26" x 1.95"	aramid/steel	66	530g/580g	asb/zsg-ultima
	trailraker	racing, soft condition	black	26" x 2.1"	aramid/steel	66/27	580g/640g	asb/zsg-ultima
	trailraker	racing, soft condition	black	26" x 1.95"	aramid/steel	66/27	530g/590g	asb/zsg-ultima

Tubular Tires	model	application	colors	sizes	bead	tpi	weight	technology
	ultima track	wheelchair	black	700c x 18mm	n/a	120	150g	tubular
	ultima marathon	wheelchair	black	700c x 18mm	n/a	120	180g	tubular
	rapide	wheelchair	black	700c x 18mm	n/a	120	190g	tubular
	rapide	wheelchair	black	26" x 18mm	n/a	120	170g	tubular
	rapide	wheelchair	black	24" x 18mm	n/a	120	160g	tubular
	rapide	wheelchair	black	20" x 18mm	n/a	120	140g	tubular
	rapide	wheelchair	black	18" x 18mm	n/a	120	130g	tubular
	rapide	wheelchair	black	16" x 18mm	n/a	120	120g	tubular
	rapide	wheelchair	black	12" x 18mm	n/a	120	85g	tubular
	practice**	training	black	26" x 19mm	n/a	110	230g	tubular
	practice**	training	black	700c x 22.5mm	n/a	110	270g	tubular
	practice dual**	training	black/yell	700c x 22.5mm	n/a	110	270g	tubular
	practice dual tg**	training	black/red	700c x 22.5mm	n/a	110	300g	tubular tg

Note: Tire color availability will vary from country to country.  
Specifications represent Japanese produced product.

\*Made in Taiwan for sale in the aftermarket.

\*\*Made in Thailand for sale in the aftermarket.



Road Tires

model	application	colors	sizes	bead	tpi	weight	technology
pasela	touring/commuting	black	700 x 25c	steel	66	300g	standard
pasela	touring/commuting	black	700 x 28c	steel	66	310g	standard
pasela	touring/commuting	black	700 x 32c	steel	66	360g	standard
pasela	touring/commuting	black	700 x 35c	steel	66	460g	standard
pasela	touring/commuting	black	700 x 37c	steel	66	470g	standard
pasela	touring/commuting	black	27 x 1"	steel	66	270g	standard
pasela	touring/commuting	black	27 x 1-1/8"	steel	66	290g	standard
pasela	touring/commuting	black	27 x 1-1/4"	steel	66	300g	standard
pasela	touring/commuting	black	26 x 1.25"	steel	66	280g	standard
pasela	touring/commuting	black	26 x 1.5"	steel	66	430g	standard
pasela	touring/commuting	black	26 x 1.75"	steel	66	470g	standard
pasela tg	touring/ commuting	black	700 x 25c	aramid/steel	66/66	260g/320g	tourguard
pasela tg	touring/ commuting	black	700 x 28c	aramid/steel	66/66	280g/330g	tourguard
pasela tg	touring/ commuting	black	700 x 32c	aramid/steel	66/66	330g/380g	tourguard
pasela tg	touring/ commuting	black	700 x 35c	aramid/steel	66/66	430g/490g	tourguard
pasela tg	touring/ commuting	black	700 x 37c	aramid/steel	66/66	440g/500g	tourguard
pasela tg	touring/ commuting	black	27 x 1"	aramid/steel	66/66	230g/290g	tourguard
pasela tg	touring/ commuting	black	27 x 1-1/8"	aramid/steel	66/66	250g/310g	tourguard
pasela tg	touring/ commuting	black	27 x 1-1/4"	aramid/steel	66/66	270g/320g	tourguard
pasela tg	touring/ commuting	black	26 x 1.25"	aramid/steel	66/66	240g/300g	tourguard
pasela tg	touring/ commuting	black	26 x 1.50"	aramid/steel	66/66	400g/460g	tourguard
pasela tg	touring/ commuting	black	26 x 1.75"	aramid/steel	66/66	440g/500g	tourguard
t-serv	urban/commuting	blk, red, blu, yell	26"x 1.25"	aramid	27	260g	zsg-natural/tourguard
t-serv	urban/commuting	blk, red, blu, yell	26"x 1.50"	aramid	27	420g	zsg-natural/tourguard
t-serv	urban/commuting	blk, red, blu, yell	26"x 1.75"	aramid	27	470g	zsg-natural/tourguard
t-serv	urban/commuting	blk, red, blu, yell	700 x 25c	aramid	27	280g	zsg-natural/tourguard
t-serv	urban/commuting	blk, red, blu, yell	700 x 28c	aramid	27	290g	zsg-natural/tourguard
t-serv	urban/commuting	blk, red, blu, yell	700 x 32c	aramid	27	380g	zsg-natural/tourguard
t-serv	urban/commuting	blk, red, blu, yell	700 x 35c	aramid	27	440g	zsg-natural/tourguard
t-serv	urban/commuting	blk, red, blu, yell	700 x 37c	aramid	27	460g	zsg-natural/tourguard
urban max	urban/commuting	black	26"x 1.25"	aramid/steel	27	270g/330g	hypertex casing
urban max	urban/commuting	black	26"x 1.50"	aramid/steel	27	460g/510g	hypertex casing
urban max	urban/commuting	black	26"x 1.75"	aramid/steel	27	490g/540g	hypertex casing
urban max	urban/commuting	black	700 x 25c	aramid/steel	27	280g/340g	hypertex casing
urban max	urban/commuting	black	700 x 28c	aramid/steel	27	300g/360g	hypertex casing
urban max	urban/commuting	black	700 x 32c	aramid/steel	27	360g/420g	hypertex casing
urban max	urban/commuting	black	700 x 35c	aramid/steel	27	490g/540g	hypertex casing
urban max	urban/commuting	black	700 x 37c	aramid/steel	27	500g/550g	hypertex casing
crosstown**	urban/commuting	black/black reflect	700 x 32c	steel	27	600g	tourguard/reflect-tape
crosstown**	urban/commuting	black/black reflect	700 x 35c	steel	27	700g	tourguard/reflect-tape
crosstown**	urban/commuting	black/black reflect	700 x 38c	steel	27	800g	tourguard/reflect-tape
crosstown**	urban/commuting	black/black reflect	700 x 42c	steel	27	900g	tourguard/reflect-tape
crosstown**	urban/commuting	black/black reflect	700 x 47c	steel	27	1000g	tourguard/reflect-tape
crosstown**	urban/commuting	black/black reflect	26 x 1.50"	steel	27	900g	tourguard/reflect-tape
crosstown**	urban/commuting	black/black reflect	26 x 1.75"	steel	27	1000g	tourguard/reflect-tape
extreme	racing	black	700 x 20c	aramid	126	190g	zsg-ultima
extreme	racing	black	700 x 23c	aramid	126	210g	zsg-ultima
extreme	racing	black	650 x 23c	aramid	126	200g	zsg-ultima
extreme duro	racing/training	black	700 x 23c	aramid	66+60	240g	zsg-ultima duro-casing
extreme lite	time-trial/hill-climb	black	700 x 20c	aramid	126	170g	zsg-ultima
stradius elite z	racing/training	blk, red, blu, yell	700 x 20c	aramid	66	210g	zsg-natural
stradius elite z	racing/training	blk, red, blu, yell	700 x 23c	aramid	66	230g	zsg-natural
stradius elite tg	training/touring	black	700 x 23c	steel	27	320g	zsg-natural/tourguard
stradius elite tg	training/touring	black	700 x 26c	steel	27	350g	zsg-natural/tourguard
stradius sport	training/touring	blk, red, blu, yell	700 x 20c	aramid/steel	27	220g/280g	standard
stradius sport	training/touring	blk, red, blu, yell	700 x 23c	aramid/steel	27	240g/290g	standard
stradius sport	training/touring	blk, red, blu, yell	700 x 26c	aramid/steel	27	270g/330g	standard
stradius sport tg	training/touring	black	700 x 23c	steel	27	320g	tourguard
stradius sport tg	training/touring	black	700 x 26c	steel	27	350g	tourguard
stradius sport sr	urban/touring	black reflect	700 x 23c	steel	27	290g	reflect-tape
stradius sport sr	urban/touring	black reflect	700 x 26c	steel	27	330g	reflect-tape



This is it. The Extreme is the pinnacle of our road clincher tire line and technology. Extreme-next generation ZSG compound for an even longer lasting tread at a lighter weight with great grip and all weather control. Extreme boasts a new lava rock tread design that helps make the tire stick to the pavement in all conditions yet still deliver a smooth, supple ride, kilometer after kilometer. Basic black only for the style connoisseurs.

## Extreme

SIZES: 700 x 20C, 23C, 650 x 23C  
BEAD: ARAMID



In order to win races you've got to train for races. This is where the Extreme Duro makes its mark. Its more robust and all new proprietary 3D casing helps prevent those sharp objects lurking on the road from puncturing your tires. Tough and lightweight compared to other protective casings on the market. Equipped with all of the performance features found on the Extreme, this is the training tire for you. Black only.

## Extreme Duro

SIZES: 700 x 23C  
BEAD: ARAMID







The newest and lightest Extreme. We've taken the already fantastic Extreme and shaved another 20 grams off the 20c size. That coupled with the already outstanding performance characteristics of the Extreme tires and you have a tire capable of winning race after race.

## Extreme Lite

SIZES: 700 x 20C  
BEAD: ARAMID



Everything a training tire should be. You get the same quick sprinting performance as our race tire, but for a lot less pennies per mile. The ZSG Natural tread uses a bit more natural rubber in its formula, which offers enhanced wear resistance. The Elite also utilizes an 800D polyamide cord for its casing that is nearly 2x as strong as the cord used in conventional tires. An excellent choice for all-around road riding. Need something a bit more rugged? Try the Elite TG model with Aramid belt in the casing for even more puncture resistance.

## Stradius Elite Z-Elite TG

Z SIZES: 700 x 20C, 23C  
TG SIZES: 700 x 23C, 26C  
BEAD: ARAMID OR STEEL





The perfect combination of technology and price. Optional Aramid bead for light weight, the Sport comes in a price and weight that won't make anyone flinch. Easy on the ride and easy on the wallet. Three fantastic colors plus traditional black for the less expressive cyclists. Also check-out the TG model if you need a little more flat protection or the SR model with its reflective sidewall band.

## Stradius Sport-Sport TG-Sport SR

SIZES: 700 x 20C, 23C, 26C  
TG 700 x 23C, 26C, SR 700 x 23C, 26C  
BEAD: ARAMID OR STEEL



Aramid belted under the tread, T-Serv shrugs off the hazards urban riding throws at tires. The choice of messengers around the world, T-Serv wards off pinch flats and tread punctures while still coming in at an amazingly low weight. It utilizes the ZSG Natural Compound and an 800D polyamide casing cord. It's an outstanding tire in terms of reliability and performance in urban environments. Four delicious color choices.

## T-Serv

SIZES: 700 x 25C, 28C, 32C, 35C, 37C,  
26 x 1.25", 1.5", 1.75"  
BEAD: ARAMID







An excellent multi-use tire. The Pasela makes any road or hybrid bike more versatile. Its center ridge rolls over broken pavement and works on dirt roads as well. A multitude of sizes and configurations make finding the proper size a breeze. An excellent value for commuting or touring cycling.

## Pasela

SIZES: 700 x 25C, 28C, 32C, 35C, 37C,  
27" x 1", 1-1/8", 1-1/4", 26 x 1.25", 1.5", 1.75"  
BEAD: STEEL



The Pasela TG has our Tour Guard feature, an Aramid belt under the tread that resists punctures and adds an extra level of insurance against punctures. For 2005 it's available in ten sizes that will cover most 700c and 26" applications. It's just a great touring or commuting tire for all of the cycling world. Ride assured with the Pasela TG.

## Pasela TG

SIZES: 700 x 25C, 28C, 32C, 35C, 37C  
27" x 1", 1-1/8", 1-1/4", 26 x 1.25", 1.5", 1.75"  
BEAD: ARAMID OR STEEL



Crosstown promises to deliver uncompromising ruggedness in urban cycling environments. Its deep aggressive tread channels will find the pavement and push away the water regardless of how hard the rain may be falling or how bad the pavement may be crumbling. The super thick tread combined with the polyamide belt make this tire extra flat and cut resistant. Reflective sidewalls helps your visibility when the sun sets earlier during those long winter commutes.

## Crosstown

SIZES: 700 x 32C, 35C, 38C, 42C, 47C  
26 x 1.5", 1.75"  
BEAD: STEEL

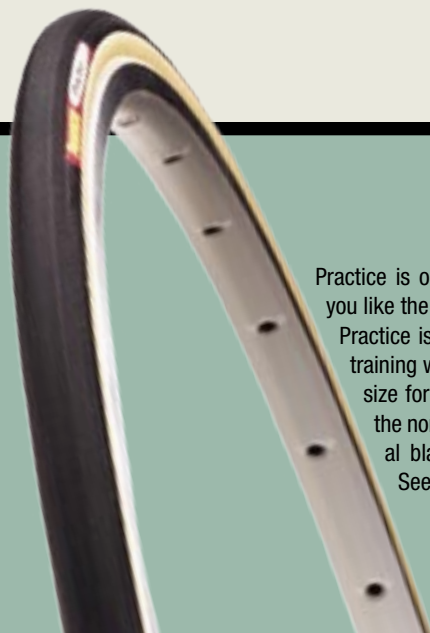


It's a bomb proof tire for the Urban Warrior. A fully lined polyamide casing prevents punctures by objects intent on removing the air from this fine tire. Additionally, it's an excellent tire based upon its weight-performance ratio. In stealth black only.

## Urban Max

SIZES: 700 x 25C, 28C, 32C, 35C, 37C,  
26 x 1.25", 1.5", 1.75"  
BEAD: STEEL





Practice is our budget tubular tire. If you like the ride and feel of tubulars, Practice is a great tubular for your training wheels. Available in a 26" size for 650c wheels as well as the normal 700c size. Traditional black with a tan sidewall. See you on the ride.



## Practice

SIZES: 650 x 19mm, 700 22.5mm



These two tubulars represent a step-up from the regular Practice. Lighter weight and dual compound make for better grip in adverse conditions and a faster rolling tire on race day. The Dual is available in a bright yellow/black color combo and the Dual TG (Tourguard) is available in an unmistakable red/black color combination.

## Practice Dual-Dual TG

SIZES: 700 x 22.5mm







Our ultimate track racing tubular. The Ultima tubular is everything you could ask for a tire on race day. Light, narrow and rugged with a great cornering profile that tubular tires are known for. At 150 grams for the Ultima Track, you'll find this tire equally suited to wood board tracks or concrete. There is a reason it looks fast. It is.



Our best road racing tubular. Equally at home for bicycle or wheel chair racing, the Marathon weighs in at just 180 grams. There's a reason this tire sports the World Champion colors. It's fast and you will be too with a pair of these mounted on your trusty racing steed or wheel chair. You'll find it only in black.

## Ultima Track

SIZE: 700C x 18MM



## Ultima Marathon

SIZE: 700C x 18MM

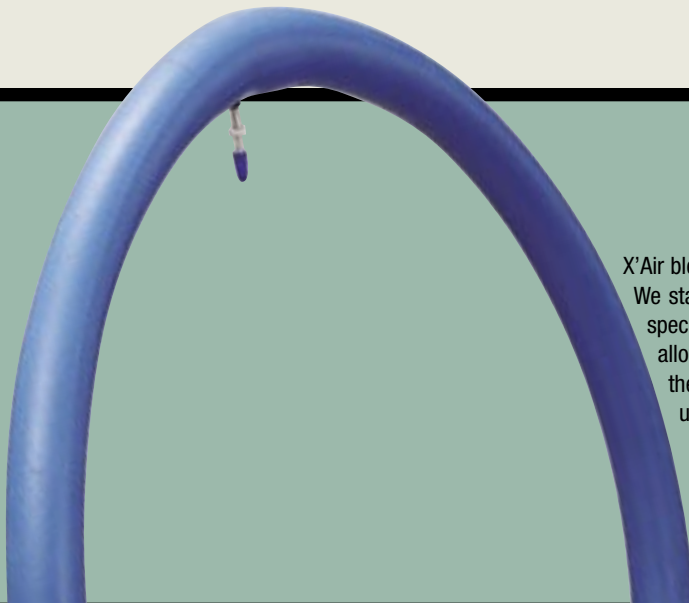


Panaracer has always made tubular tires. The Rapide is a wise choice in two arenas where tubulars still rule: Track racing and wheelchair racing. The Rapide is super-light and smooth riding and it comes in seven diameters. Glue it on and fly.

## Rapide

SIZES: 700C x 18MM, 26" x 18MM, 24" x 18MM, 20" x 18MM, 18" x 18MM, 16" x 18MM, 12" x 18MM





X'Air blends the best of a butyl tube and a latex tube. We start with our special blend of butyl, silica, and special "sauce" (10% proprietary chemicals) that allows X-Air to form to the tire like latex, but has the durability of butyl. Got a puncture? Simply use a regular butyl patch kit and you're off and riding in no time.

## ***X'Air Tube***

**SIZES: 26 x 1.625, 2.10**

**VALVES: PRESTA WITH LENGTHS OF 32 AND 48MM**



The R'Air tube gives you all the ride advantages of latex with all the functionality of butyl. Patch it with a regular butyl patch kit. Try a set on your bicycle to understand why the feel and ride of latex rules.

## ***R'Air-Lite Tube***

**SIZES: 700 x 18 TO 23C**

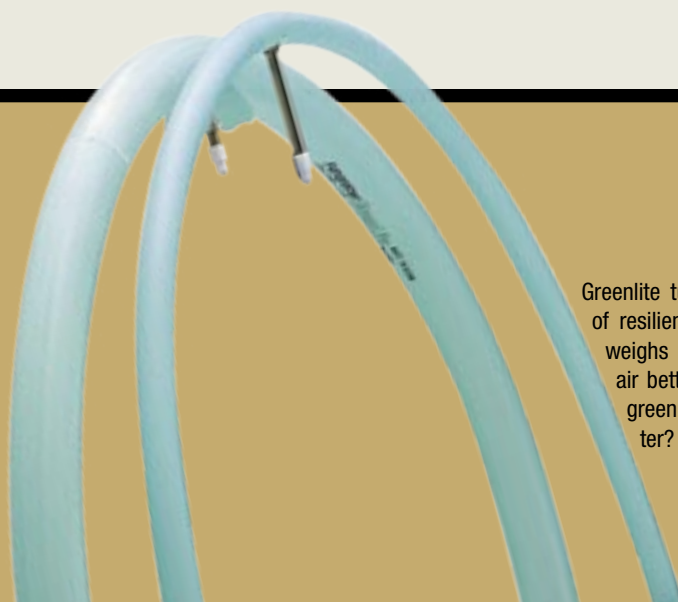
**VALVES: PRESTA WITH LENGTHS OF 32, 48 AND 60MM**



The Super Tube is 50 percent thicker than regular butyl tubes for staunch flat protection. Made of a super spongy compound, the Super Tube is the only choice for DH or anytime you can't afford a flat. It's the only tube out there that can keep-on keeping on.

## **Super Tube**

SIZES: 26 x 1.625-2.10", 2.10-2.5"  
700 x 28-32C, 700 x 35-40C  
VALVES: PRESTA OR AMERICAN VALVE



Greenlite tubes are light and tough. Made of resilient polyurethane, the road model weighs a race-worthy 50 grams. Holds air better than latex tubes. Hey, they're green, they're light. What could be better? A long ride.

## **GreenLite Tubes**

SIZES: 26 x 1.90-2.10, 700 x 20-25C  
VALVES: PRESTA WITH LENGTHS OF 32 AND 48MM





The Flataway tire liner is a lightweight strip of Aramid fiber that protects against external punctures. Place it between your casing and your tube and ride. Ride with security.

## Flataway Tire Liner

SIZES: MTB 40MM, ROAD 30MM



A Tubeless repair kit developed specifically for repairing the XC Pro and TrailBlaster tubeless tires. In fact, it will work on any brand of tubeless tires. Everything to patch the these tires on the trail or in your garage. Just add air and hit the trail. Needle/Scissors/Rubber Cement 8cc, Rubber Piece 75 x 50mm. Don't leave home without one.

## Tubeless Repair Kit

NEEDLE/SCISSORS/RUBBER CEMENT 8cc,  
RUBBER PIECES 75 x 50MM



Properly glued tubular tires is not just a necessity, it's a requirement. Pana Cement glues your tires on and *keeps* them on. Synthetic rubber base improves durability and adhesiveness. Available in 100 gram cans or 33 gram tubes. Favored amongst pro teams for adhesion and durability. Don't go cycling around with poorly glued tire

## Pana Cement

SIZES: 100ML CAN OR 33GRAM CANS



PolyLite rim tape is a thin tough shield to protect your tube from the rim and spoke nipples. Road and Mountain wheel sizes available. Great insurance against flats. Why take a risk that your tube may sustain damage from the wheel itself. PolyLite is the only way to go.

## PolyLite Rim Tape

SIZES: 26 x 15MM, 26 x 18MM  
SIZES: 27 x 15MM, 27 x 18MM

Materials, composition and tread technology are all contributing factors that allow bicycle racers to pedal their bicycles to the finish line in the shortest time possible. Each year it's our pleasure to select about 20 teams to sponsor in their quest to cross the finish line first.

At the heart of our sponsorship program are our "grass roots" teams. Sponsorship of these teams insures that continued development of new riders occurs at the most basic levels of the sport. At the top, we sponsor the De Nardi-Colpack Team Pro Road Team. Our involvement at the highest levels of road competition provides us exposure to fans of professional cycling as well as technical information from the sponsored riders. In 2004 Serguei Gonchar (Ukr) from the De Nardi team won a stage and finished second at the Giro d'Italia.

All of the input that we receive from our teams contributes to produce the finest bicycle tires available today. None of this additional R&D would be possible without the hearts, lungs and legs of the cyclists on the teams we sponsor.

We thank all our teams and cyclists for giving their all to keep Panaracer tires at the front of the pack and at the top of the podium. 2004 has been an exceptional year and we wish our sponsored teams continued success in 2005.

**Road**

- DeNardi-Colpack
- Author-DHL
- Salsa
- Jamis-Aerospace Engineering Group
- Norco
- Symetrics
- Monex
- Simple Green
- Over 40
- Team Spine
- Veloworx

**MTB**

- Outer Circle Racing
- Team Pedal Moraine
- Author
- Soulcraft
- Norco
- Salsa
- Kappa
- Xtreme-racing-team.com
- Pedro's
- Wheels in Motion
- Bikeman
- MTBmind.com

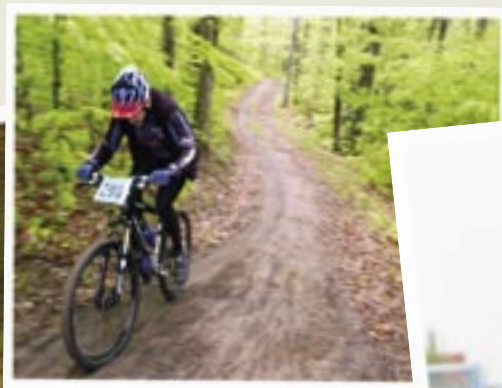




## Worldwide Distributors

Australia	Bike Sportz	03-9586-1600	<a href="http://www.bikesportz.com.au">www.bikesportz.com.au</a>
Benelux	RA Company	32 (0) 13-67-0101	<a href="http://www.racompany.be">www.racompany.be</a>
Brazil	Intac Commercial Exp & Imp Ltda	011-5565-2100	<a href="http://www.intac.com.br">www.intac.com.br</a>
Canada	Norco Products, Limited	604-552-2963	<a href="http://www.norco.com">www.norco.com</a>
Czech Republic	Universe Agency s.r.o.	224-920-140	<a href="http://www.author.cz">www.author.cz</a>
Germany	E. Wiener Bike Parts	09721-6501-0 (Schweinfurt) 0511-61592-12 (Hannover) 0721-948-3388 (Karlsruhe)	<a href="http://www.bike-parts.de">www.bike-parts.de</a>
Hong Kong	P.C. Sportech	2960-1245	
Hungary	Biker Kft.	36-1-278-10-20	<a href="http://www.biker.hu">www.biker.hu</a>
Denmark	Danbike A/S	45-89-14-14-36	<a href="http://www.hfchristiansen.dk/info.html">www.hfchristiansen.dk/info.html</a>
Indonesia	Rodalink	031-734-3220	<a href="http://www.Rodalink.com">www.Rodalink.com</a>
Israel	Soma Agencies	03-532-2014	
Italy	Milan International Commerce S.p.A.	0331-467311	<a href="http://www.shimano-mic.it">www.shimano-mic.it</a>
Korea	Bumil Trading	02-551-6992	<a href="http://www.kevin.co.kr">www.kevin.co.kr</a>
Malaysia	Cheng Leong Trading	4-7143071	
	KSH Bicycle SDN BHD	603-7877-0450	<a href="http://www.kshbicycle.com">www.kshbicycle.com</a>
New Zealand	Flo Cycles Limited	09-833-1414	
Philippines	Hans-Gee Enterprises	(02)372-2541	
	Commet Cycle Center	(02)372-5590	
	Ballistic Bike Trading Inc.	02-833-7831	
	Newton Multi-Sales	(02)372-5127	
Poland	Velo Sp.z o.o	32-330-67-00	
Russia	Omni Bike Ltd.	095-459-7181	<a href="http://www.omnibike.ru">www.omnibike.ru</a>
Singapore	Cappa Trading Pte Ltd	6841-5151	
	Gee Hin Chan	6337-2948	<a href="http://www.geehinchan.com">www.geehinchan.com</a>
	Kian Hong Cycle Pte Ltd	6288-2480	<a href="http://www.khcycle.com.sg">www.khcycle.com.sg</a>
South Africa	Cool Heat	011-807-5282	
Spain	Macario Llorente, S.A.	91-3295070	<a href="http://www.macario.com">www.macario.com</a>
Switzerland	Loup Sport	026-677-2290	<a href="http://www.Loupsport.ch">www.Loupsport.ch</a>
Taiwan ROC	Speedhigh	02-2725-2641	
Thailand	Har Hong Trading	02-225-0485	
	Probike Co., Ltd.	02-254-1077	<a href="http://www.probike.co.th">www.probike.co.th</a>
United Kingdom	Zyro, PLC	01423-325325	<a href="http://www.zyro.eu.com">www.zyro.eu.com</a>
USA	BTI	800-558-8324	<a href="http://www.bti-usa.com">www.bti-usa.com</a>
	DownEast	800-242-1043	<a href="http://www.debike.com">www.debike.com</a>
	Joannou Cycle North	800-222-0570	<a href="http://www.jamisbikes.com">www.jamisbikes.com</a>
	Joannou Cycle South	800-533-9010	
	The Hawley Company	800-822-1980	<a href="http://www.thehawleyco.com">www.thehawleyco.com</a>
	J&B Importers	800-666-5000	<a href="http://www.jbimporters.com">www.jbimporters.com</a>
	KHS, Inc.	800-347-7854	<a href="http://www.khsbicycles.com">www.khsbicycles.com</a>
	The Merry Sales Company	800-245-9959	<a href="http://www.merrysales.com">www.merrysales.com</a>
	Olympic Cycle Supply	414-461-8380	<a href="http://www.olympicsupplycompany.com">www.olympicsupplycompany.com</a>
	Quality Bicycle Products	800-346-0004	<a href="http://www.qbp.com">www.qbp.com</a>
	United Bicycle Parts	800-482-1984	<a href="http://www.ubike.com">www.ubike.com</a>
	Worldwide Cycle Supply	800-645-5477	<a href="http://www.ironhosebikes.com">www.ironhosebikes.com</a>

distribution



**National Tire Co., Ltd.,**

1-3-13 Minamishinden  
Daito, Osaka 574-0023, Japan  
Tel: 81-72-874-0715 e-mail: [info@panaracer.com](mailto:info@panaracer.com)

Design by REGco. [www.regcodesign.com](http://www.regcodesign.com)  
Tire Photography: Craig Mole [molephoto.com](http://molephoto.com)  
De Nardi Team Photography: Makoto AYANO [www.cyclingweb.jp](http://www.cyclingweb.jp)  
Other photography: Jeff Zell  
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**Panaracer USA**

1996 East Avenue  
Hayward, CA 94541  
Tel: (510) 538-9099 e-mail: [info@panaracer.com](mailto:info@panaracer.com)