

A DUGAST 

Company Overview and Product Range

About us

COMPANY HISTORY

A. Dugast is the leading brand in cotton and silk tubular tyres for cyclocross, track and road racing.

Historically from France, A. Dugast was acquired by Richard Nieuwhuis in 2002 after which development & production was moved near Oldenzaal, the Netherlands.

Since then, the products have become the benchmark for performance tubulars for cyclocross, used and loved by most professional riders, and winners of most races and championships.

A. Dugast joined Vittoria Group in May 2021.

MISSION & VISION

Our philosophy is to try to deliver a top product. Therefore all our tubulars are fully handmade and we produce 100% in the Netherlands.

Furthermore the client is king in our company, we try to work as flexible as possible.

Tubulars can also be produced with custom logo, in order to fully satisfy customers' personalization needs too.

Would you like to order a tubular that we don't have in stock? Often we can produce this in a short term.

Maybe you need a product that is not in our standard range?

You can always contact us to know what possibilities there are, maybe we can offer you a solution.

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Main company's technologies (1/2)

A. Dugast has recently launched new and innovative technologies, which are part of its product offer:

1) 11 Storm Rubber compound

- At the Cyclocross World Championships 8 of the 12 medals were won on this high quality rubber
- It provides lower rolling resistance, more grip and more comfort
- The advantage consists in using a higher pressure to achieve the same feeling on bike, with the advantage of a lower puncture risk
- The 11Storm rubber is available for Typhoon, Pipsisquallo and Rhino treads



2) Latex inner tubes

- Since a few years A. Dugast sells inner tubes
- A. Dugast tubes are 100% made of latex
- A. Dugast's all inner tubes have a 50 mm valve and have 3 different widths and thicknesses
 - Clincher between 20 and 24 mm wide
 - Clincher between 24 and 28 mm wide
 - Clincher between 28 and 36 mm wide



3) Base tape

- Road Tubulars sizes are of 20, 22, 23 and 24 mm with a narrow base tape for rims of maximum 23 mm wide, from 25 mm on the tubulars have a large base tape for rims between 23 and 27 mm wide.
- All our cyclocross tubulars standard have a large base tape (for rims from 23 up to 27 mm wide)
- If you have a narrow (for rims up to max 23 mm wide) or XL (from 27 mm up to 32 mm wide) rim, A. Dugast adjusts the base tape without extra costs. You can add this information while ordering.
- If your tubulars have a narrow or XL base tape, you can find that information at the valve.

4) Aquasure

If you order the tires without the neoprene coating we recommend you to put a layer of Aquasure at the sidewall of the tyres. This product protects the tyres against water and mud. Aquasure can only be bought in combination with A.Dugast tyres.



Main company's technologies (2/2)

5) Product option features

Black casing colour

- Customers can choose for black casing for all cotton tubulars, instead of a skin wall casing
- Black casing is exactly the same material and has the same treatment as a regular skin wall casing, the cotton fibre is just coloured
- Black casing is little less supple and weights a little more, and eventual damage is not always visible.

Flying Doctor casing

- This casing is an option for almost every type of tubular
- It makes it possible that you don't get the feeling that your tyre rolls off the rim, which allows you to take the curves faster with a low tyre pressure for cx and MTB
- It also offers you a better protection against flats caused by stones or glass

Neoprene coating

- The tire has an optional neoprene coating, you don't need to seal the sidewalls with Aquasure
- Neoprene coating is applied during the production process so that you neither have to calculate work and time to put on Aquasure
- The coating is very thin and has no influence on the functionality and / or the comfort of the tubulars
- You can recognise the cyclocross and MTB tubulars by the stamp of a sun on the sidewall
- Road and ORI MTB tubulars will always have a neoprene coating, without any additional cost, while for MTB and cyclocross tyres there is an additional cost
- Neoprene coating requires to wash the tyres with water and soap everytime after using them. Make sure not to use any aggressive products.



Product range – Cyclocross (1/4)

VERSION	WIDTH SIZE (mm)	RIM DIAMETER (mm)	PRESSURE (bar)	USAGE	MSRP
Typhoon Cotton	28-30-32-33-34-36-38	26"-28"	1.8 to 3.5	All-purpose competition	€ 77.50
Rhino Cotton	30-32-33-34-36-38	26"-28"	1.8 to 3.5	Competition for mud courses	€ 80.50
Small Bird	30-32-33-34-36-38	26"-28"	1.8 to 3.5	Slippery top layer course (intermediate between all-round and mud)	€ 80.50
Pipisquallo Cotton	30-32-33-34-36-38	26"-28"	1.8 to 3.5	Extremely fast track with small side knobs	€ 78.50
Pipistrello Cotton	30-32-33-34-36-38	26"-28"	1.8 to 3.5	Extremely fast track and sand races	€ 77.50
Diavolo	32-33	28"	1.4 to 2.5	Extreme course (snow and ice)	€ 160.00
Ernst Cross	32-33	26"-28"	1.8 to 3.5	Extremely muddy courses	€ 85.00

Product range – Cyclocross (2/4)



TYPHOON COTTON

All-purpose competition tyre.

Thanks to the integrated radius control on the side of the tyre, the tyre carves through unpaved bends.

The specially designed tread provides excellent grip under all circumstances.

Wider versions (36 & 38 mm) also used as gravel tyres.

Technical specifications

Widths: 28, 30, 32, 33, 34, 36, 38 mm

Rim diameter: 26" & 28"

Pressure: 1.8 - 3.5 bar

Weight (32 mm): 380g

Colours: ● (Ecru), ● (black w/o logo), ● (black w/ logo)



RHINO COTTON

Competition tyre for mud courses.

Tread with extreme high studs for excellent grip. Because of the design of the tread, the mud doesn't stick at it. In spite of the open structure of the tread, the tyre has a low rolling resistance. This tread has been designed and developed by A. Dugast and is exclusively available through us.

Technical specifications

Widths: 30, 32, 33, 34, 36, 38 mm

Rim diameter: 26" & 28"

Pressure: 1.8 - 3.5 bar

Weight (32 mm): 390g

Colours: ● (Ecru), ● (black w/o logo), ● (black w/ logo)



SMALL BIRD

A tyre that can be used on a course where the layer on top of the course is slippery.

Tread with extreme high studs for excellent grip. Because of the design of the tread, the mud doesn't stick at it. In spite of the open structure of the tread, the tyre has a low rolling resistance.

Wider versions (36 & 38 mm) also used as gravel tyres.

Technical specifications

Widths: 30, 32, 33, 34, 36, 38 mm

Rim diameter: 26" & 28"

Pressure: 1.8 - 3.5 bar

Weight (32 mm): 385g

Colours: ○ (White), ● (black w/o logo), ● (black w/ logo)

Product range – Cyclocross (3/4)



PIPISQUALLO COTTON

A tyre for a fast track.

This tubular gives you a good grip on wet grass because of the low Rhino studs on the side. The diamond tread in the middle gives you the very low rolling resistance. This tread is only available at Dugast.

Wider versions (36 & 38 mm) also used as gravel tyres.

Technical specifications

Widths: 30, 32, 33, 34, 36, 38 mm

Rim diameter: 26" & 28"

Pressure: 1.8 - 3.5 bar

Weight (32 mm): 370g

Colours: ○ (White), ● (black w/o logo), ● (black w/ logo)



PIPISTRELLO COTTON

A tyre for an extremely fast track.

Because of the open diamonds in the middle, you always keep a good grip on sandy subsoil as well as on a subsoil of grass. Because of the two lines at the side (radius control), you ride easily though the sand. The Flying Doctor casing increases your technical capacities. ì

Wider versions (36 & 38 mm) also used as gravel tyres.

Technical specifications

Widths: 30, 32, 33, 34, 36, 38 mm

Rim diameter: 26" & 28"

Pressure: 1.8 - 3.5 bar

Weight (32 mm): 370 g

Colours: ○ (White), ● (black w/o logo), ● (black w/ logo)



DIAVOLO

A tyre to use on an extreme course, like on snow and ice.

On the side knobs we've placed some nails that can move freely in the knobs. Like this they will give you extra grip in slippery turns. The tread is glued on a special casing that protects the inner tube against the sharp nails in the tread.

This tyre is not approved by the UCI and it cannot be used in UCI races

Technical specifications

Widths: 32, 33 mm

Rim diameter: 28"

Pressure: 1.4 - 2.5 bar

Weight (32 mm): 445g

Colours: ● (Ecru), ● (black w/o logo), ● (black w/ logo)

Product range – Cyclocross (4/4)



ERNST CROSS

A tubular for extremely muddy courses.

The bigger knobs and the softer rubber compound give this tubular a fantastic grip. At the same time the open structure of the tread makes sure that the mud can get out of the tread.

Please note that this is still a prototyping tread.

Technical specifications

Widths: 32, 33 mm

Rim diameter: 26" & 28"

Pressure: 1.8 - 3.5 bar.

Weight: missing (prototype)

Colours: ● (Ecru), ● (black w/o logo), ● (black w/ logo)



CROSS REPAIR

Additional recycle service.

It is also possible to recycle the tyres you don't use anymore. If you send us the used treads, we can make you a new tyre with your old tread.

That one may be in a perfect condition, even though you brushed your tyre aside (for example because of the rotting side).

It is possible to produce a tyre of 30, 32, 33, 34, 36 or 38 mm for each tread.

Product range – Road (1/2)

VERSION	SIZES (widths - mm)	RIM DIAMETER (mm)	PRESSURE (bar)	USAGE	MSRP
Strada Cotton & Silk	22-23-24-25-27-30	26"-28"	7 to 9	All-purpose competition	€ 84.50
Speed Diamond Cotton & Silk	18-20-22-23-24	26"-28"	8 to 12	Pro competition for dry road surfaces time trial	€ 84.00
Paris Roubaix Cotton & Silk	23-24-25-27-30	28"	5 to 7.5	Pro competition for bad surfaces	€ 84.00

Product range – Road (2/2)



STRADA COTTON & SILK

All-purpose competition tyre.

The tread provides excellent grip on both dry and wet road surfaces. The larger road tyres offer you extra comfort with a lower rolling resistance.

Technical specifications

Widths: 22, 23, 24, 25, 27, 30 mm

Rim diameter: 26" & 28"

Pressure: 7 - 9 bar

Weight (23 mm): 320g

Colours: ● (Ecru), ● (black w/o logo), ● (black w/ logo)



SPEED DIAMOND COTTON & SILK

Pro competition time-trial tyre for dry road surfaces.

The special silk fibre provides better traction and extra comfort at high tyre pressures, resulting in an extremely low rolling resistance. The tread provides excellent grip on dry and well paved road surfaces. The tyre is available with a cotton or silk casing.

Technical specifications

Widths: 18, 20, 22, 23, 24 mm

Rim diameter: 26" & 28"

Pressure: 8 - 12 bar.

Weight (22 mm silk): 223g

Colours: ● (Ecru), ● (black w/o logo), ● (black w/ logo)



PARIS-ROUBAIX COTTON & SILK

Pro competition tube for bad surfaces.

Tread structure and high-quality rubber guarantee optimum grip on both dry and wet road surfaces. The Paris Roubaix tyre is an excellent tyre to use in the spring, when weather conditions are often uncertain. This tyre has especially been developed to ride with in bad weather.

Technical specifications

Widths: 23, 24, 25, 27, 30 mm

Rim diameter: 26" & 28"

Pressure: 6 - 7.5 bar

Weight (25 mm): 340g

Colours: ● (Ecru), ● (black w/o logo), ● (black w/ logo)

Product range – Track (1/2)

VERSION	SIZES (widths - mm)	RIM DIAMETER (mm)	PRESSURE (bar)	USAGE	MSRP
Piste Diamond Cotton & Silk	18-20-22-23	28"	9 to 12	Cycling track for six-day events and training	€ 84.00
Piste Latex Cotton, cotton light & Silk	18-20-22-23	28"	9 to 14	Pro competition track for top events.	€ 76.00

Product range – Track (2/2)



PISTE DIAMOND COTTON & SILK

Cycling track tube for six-day events.

The diamond tread provides excellent grip on both wooden and concrete tracks. To reduce rolling resistance, the sidewalls do not have a protective layer (we recommend using wheel bags during transport to protect the sidewalls). The diamond tread provides excellent grip on both wooden and concrete tracks.

Technical specifications

Widths: 18, 20, 22 mm

Rim diameter: 28"

Pressure: 9 - 12 bar

Weight (22 mm): 223g

Colours: ○ (White), ● (black w/o logo), ● (black w/ logo)



PISTE LATEX COTTON, COTTON LIGHT & SILK

Pro competition track tube for top events.

The thickness of the latex tread is only 15% of that of a vulcanised tread. The combination of thin tread and no sidewall protection results in an extremely low rolling resistance and perfect acceleration.

The red colour and latex with cotton or silk mix guarantee excellent riding characteristics on a smooth track.

The Piste latex cotton light has a lighter inner tube and a thinner base tape, so that the weight is extremely low. The lighter inner tube needs to be inflated more often because it loses more pressure.

The light variant has an extra light inner tube and a thinner base tape. This results in a tube with an extremely light weight. The lighter inner tube needs to be inflated more often while it will lose its pressure more easily.

Technical specifications

Widths: 18, 20, 22 mm

Rim diameter: 28"

Pressure: 9 - 14 bar (1 bar extra on a smooth track)

Weight (22 mm silk): 170 g

Colours: ○ (White), ● (black w/o logo), ● (black w/ logo)

Product range – MTB (1/3)

VERSION	SIZES (widths - mm)	RIM DIAMETER (mm)	PRESSURE (bar)	USAGE	MSRP
Rhino XL	40-43-45-47	26"-29"-650B	1.5 to 3	Allround	€ 97.00
Fast Bird	48-50-52	26"-29"-650B	1.4 to 1.8	Allround	€ 100.00
Pipisquallo MTB	48-50-52	26"-29"-650B	1.4 to 1.8	street, beach and eliminator races & XC	€ 99.00
Ernst MTB	48-50-52	26"-29"-650B	1.4 to 1.8	Muddy course	€ 103.00
Ernst Bambino MTB	48-50-52-54	26"-29"-650B	1.4 to 2	Allround	€ 103.00

Product range – MTB (2/3)



RHINO XL

Competition tyre that will surprise you regarding comfort, grip and rolling resistance.

Together with Thomas Frischknecht, A. Dugast BV took the initiative to produce MTB-tyres. Little by little the market for MTB tyres has been expanded and the Rhino XL has become famous in the MTB-sport, thanks to a lot of victories and some world championship titles as well.

Technical specifications

Widths: 40, 43, 45, 47 mm

Rim diameter: 26", 29" & 650B

Pressure: 1.5 - 3 bar

Weight (29", 47mm): 550 g

Colours: ● (Ecru), ● (black w/o logo), ● (black w/ logo)



FAST BIRD

The Fast Bird is the 2nd MTB tubular tyre developed with the team of Thomas Frischknecht. The Fast bird tread has a low stud in the middle for a low rolling resistance. The studs at the sides are higher for off-camber sections. Because of the different height of the studs and the different rubber compounds, you can ride on nearly every course by changing the tyre pressure. The tread is only available for A. Dugast casing.

Technical specifications

Widths: 48, 50, 52 mm

Rim diameter: 26", 29" & 650B

Pressure: 1.4 – 1.8 bar

Weight (29", 50mm): 590g

Colours: ○ (White), ● (black w/o logo), ● (black w/ logo)

Product range – MTB (3/3)



PIPISQUALLO MTB

Efficient in street, beach and eliminator races, but it can also be used on a XC course.

The Pipsisquallo MTB is a tyre with a smooth tread. The soft studs at the side give you an excellent grip on a slightly slippery course.

Technical specifications

Widths: 48, 50, 52 mm

Rim diameter: 26", 29" & 650B

Pressure: 1.4 – 1.8 bar

Weight (29", 50mm): 590g

Colours: ○ (White), ● (black w/o logo), ● (black w/ logo)



ERNST MTB

Ernst is our newest MTB tyre.

The tyre has been developed with multiple world champions. The tread has been designed for a muddy course. The studs and the rubber compound give you a good grip. The open structure of the tread makes sure that the mud can get out. The tread is only available for A. Dugast casing.

Technical specifications

Widths: 48, 50, 52 mm

Rim diameter: 26", 29" & 650B

Pressure: 1.4 – 1.8 bar

Weight (29", 50mm): 610g

Colours: ● (Ecru), ● (black w/o logo), ● (black w/ logo)



ERNST Bambino MTB

An all-round MTB tubular.

Has a rolling resistance that is almost equal to the Fast Bird, but that has a better grip in the turns because of the position of the studs and the softer rubber compound.

Technical specifications

Widths: 48, 50, 52, 54 mm

Rim diameter: 26", 29" & 650B

Pressure: 1.4 – 2.0 bar

Weight (29", 50mm): 600 g

Colours: ● (Ecru), ● (black w/o logo), ● (black w/ logo)

Product range – Handbike (1/3)

VERSION	WIDTH SIZES (mm)	RIM DIAMETER (mm)	PRESSURE (bar)	USAGE	MSRP
Handbike Strada Cotton & Silk	22-23-24-25-27	16"-18"-20"-22"-650B-650C-28"	7 to 9	All-purpose competition	€ 84.50
Handbike Speed Diamond Cotton & Silk	18-20-22-23-24	16"-18"-20"-22"-650B-650C-28"	8 to 12	Pro competition for dry road surfaces	€ 84.00
Handbike Athletics training	20-22-23-24	16"-18"-20"-22"-650B-650C-28"	9 to 12	Training on athletics track	€ 84.00
Handbike Athletics racing	20-22-23-24-25	16"-18"-20"-22"-650B-650C-28"	5 to 9	Pro competition for top wheeler events on an athletics track	€ 70.00

Product range – Handbike (2/3)



HANDBIKE STRADA COTTON & SILK

All-purpose competition tyre.

The tread provides excellent grip on both dry and wet road surfaces. The larger road tyres offer you extra comfort with a lower rolling resistance.

Technical specifications

Widths: 22, 23, 24, 25, 27 mm

Rim diameter: 16", 18", 20", 22", 650b, 650c & 28"

Pressure: 7 - 9 bar

Weight (23mm): 320g

Colours: ● (Ecru), ● (black w/o logo), ● (black w/ logo)



HANDBIKE SPEED DIAMOND COTTON & SILK

Pro competition time-trial tube for dry road surfaces.

The special silk fibre provides better traction and extra comfort at high tyre pressures, resulting in an extremely low rolling resistance. The tread provides excellent grip on dry and well paved road surfaces. The tyre is available with a cotton or silk casing.

Technical specifications

Widths: 18, 20, 22, 23, 24 mm

Rim diameter: 16", 18", 20", 22", 650b, 650c & 28"

Pressure: 8 – 12 bar

Weight (22 mm silk): 223g

Colours: ● (Ecru), ● (black w/o logo), ● (black w/ logo)

Product range – Handbike (3/3)



HANDBIKE ATHLETICS - TRAINING

Cycling track tube for six-day events.

The diamond tread provides excellent grip on the athletics tracks. To reduce rolling resistance, the sidewalls do not have a protective layer. Perfect tubular with longer life-time to use on an athletics track (we recommend using wheel bags during transport to protect the sidewalls).

Technical specifications

Widths: 20, 22, 23, 24 mm

Rim diameter: 16", 18", 20", 22", 650b, 650c & 28"

Pressure: 9 – 12 bar



HANDBIKE ATHLETICS - RACING

Pro competition track tyre for top wheeler events on an athletics track.

The thickness of the tread is only 0,09mm which gives you an ultra low rolling resistance. This will allow you to obtain a maximum speed with minimal energy. (Use wheel bags during transport.) You should be aware that the kilometers that can be done with the tiny tread is very limited.

Technical specifications

Widths: 20, 22, 23, 24, 25mm

Rim diameter: 16", 18", 20", 22", 650b, 650c & 28"

Pressure: 5 – 9 bar

Colours: ○ (White), ● (black w/o logo), ● (black w/ logo)

Product range – Tandem (1/3)

VERSION	WIDTH SIZES (mm)	RIM DIAMETER (mm)	PRESSURE (bar)	USAGE	MSRP
Tandem Strada Flying Doctor	23-24-25-27	28"	8 to 12	All-purpose competition	€ 96.00
Tandem Paris Roubaix Flying Doctor	23-24-25-27	28"	8 to 12	Pro competition for bad surfaces	€ 96.00
Tandem Piste Diamond Flying Doctor	22-23-24	28"	9 to 12	Cycling track for six-day events and training	€ 96.00
Tandem Piste Latex Flying Doctor	22-23-24	28"	9 to 14	Pro competition for top events	€ 88.00

Product range – Tandem (2/3)



TANDEM STRADA FLYING DOCTOR

All-purpose competition tyre.

The tread provides excellent grip on both dry and wet road surfaces. The larger road tyres offer you extra comfort with a lower rolling resistance.

Also used as road tubular.

Technical specifications

Widths: 23, 24, 25, 27 mm

Rim diameter: 28"

Pressure: 8 - 12 bar

Weight (23mm): 320g



TANDEM PARIS ROUBAIX FLYING DOCTOR

Pro competition tyre for bad surfaces.

Tread structure and high-quality rubber guarantee optimum grip on both dry and wet road surfaces.

The Paris Roubaix tyre is an excellent tyre to use in the spring, when weather conditions are often uncertain. This tyre has especially been developed to ride with in bad weather.

Also used as road tubular.

Technical specifications

Widths: 23, 24, 25, 27 mm

Rim diameter: 28"

Pressure: 8 – 12 bar

Weight (25 mm): 340g

Product range – Tandem (3/3)



TANDEM PISTE DIAMOND FLYING DOCTOR

Cycling track tyre for six-day events and training.

The diamond tread provides excellent grip on both wooden and concrete tracks. To reduce rolling resistance, the sidewalls do not have a protective layer (we recommend using wheel bags during transport to protect the sidewalls).

The diamond tread provides excellent grip on both wooden and concrete tracks.

Technical specifications

Widths: 22, 23, 24 mm

Rim diameter: 28"

Pressure: 9 - 12 bar

Weight (22mm): 223g



TANDEM PISTE LATEX FLYING DOCTOR

Pro competition track tyre for top events.

The thickness of the latex tread is only 15% of that of a vulcanised tread. The combination of thin tread and no sidewall protection results in an extremely low rolling resistance and perfect acceleration.

The red colour and latex with cotton mix guarantee excellent riding characteristics on a smooth track. (Use wheel bags during transport.)

Technical specifications

Widths: 22, 23, 24mm

Rim diameter: 28"

Pressure: 9 – 14 bar (1 bar extra on a smooth track)

Weight (22 mm): 190g

THANK YOU