RALEIGH



PERFORMANCE RACE 2016

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TEAM RALEIGH

Sponsorship of a team isn't just about getting your name on the telly. Team Raleigh have been instrumental in the development of our performance frames and the use of new component suppliers.

Whilst the grand tours are the ultimate in Bicycle racing the UK race scene is much closer to how you ride your bike. The elbow to elbow racing, short sprints and tight corners of criteriums demand a special bike where handling, strength and stiffness are as important as weight. The Raleigh Militis has been proven to perform again and again in this unforgiving arena

The Criterium is not a one trick bike though, Team Raleigh GAC have shown it's strengths on the climbs of British day races winning the Premier Calendar Road Series in 2014 and leading the 2015 Elite Road Series with one round to go.

Our engineers work with our athletes to refine and improve the bikes, in a world of marginal gains the riders input is essential in making the differences that result in a winning performance. Feedback also comes from our team mechanics as you and they want a bike that can be maintained quickly and easily without obscure parts and unnecessary complications.

The Raleigh Militis and Team Raleigh GAC – winning together

TEAM RALEIGH GAC
PROFESSIONAL CYCLING TEAM

PERFORMANCE RACE

Built for racing, built for speed

Off the front, in the sprints or dominating the climbs you need to know your equipment won't let you down. The Raleigh performance range consists of our lightest, stiffest and fastest bikes ever.

The Raleigh Militis is all about being first across the line. The frame's responsive handling and rapid acceleration are perfect for criteriums and short course triathlons. It's also at home on longer races where those extra seconds gained on the climbs and descents may keep you ahead of the group.

Strength Analysis

Weight, stiffness, compliance and price are the factors that have to be balanced in designing any carbon frame. Our engineers work with different grades of carbon to optimise the blend to produce the best frames for their intended use and price point.

We use the results of Finite Element Analysis, also known as 'strength analysis', to optimise the strength, stiffness and comfort of all our road bikes. You can build a frame out of 100% Very High Modulus (VHM) fibre and it would be incredibly light, but it would be far too stiff and fragile to be practical. VHM carbon is stiff but brittle; it needs to be combined with high strength fibres to get the perfect balance. We make sure we use the right grade of fibre in the right place, blending high strength, high modulus and VHM materials to maximise performance at every price point.

Direct Connect Manufacturing

Building compliance and stiffness is just a matter of using the right material, you need to use sophisticated layering and frame shapes to ensure it behaves in the right way. Our Direct Connect manufacturing process that bonds tubes and lugs together means that we can build smaller more complicated parts and lay up the carbon exactly as we want it.

Max Internal Compression

Working with smaller frame pieces means we can use our Max Internal Compression technique to ensure that the fibres are pressed as closely together we use less resin and have a lower frame weight. It also allows us to have incredibly smooth internal finish and to remove all the bladders used in forming the tubes. This means that internal cables won't drag on the frame or construction debris allowing faster, smoother shifting.

Our Militis frames are all built with our Speed Blend carbon fibre. This uses a greater proportion of VHM fibres to reduce the weight and maximise stiffness. The resulting 880g frame is the lightest production frame we've ever built. The 380g C6 monocoque carbon fork is tuned perfectly with the frame to ensure you have the precise handling to dive into corners and pick your sprinting line with confidence.

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Militis Pro

Frame: Militis Speed Blend Direct Connect carbon Fibre with PF30 btm bracket, tapered head tube, performance race geometry

Fork: Raleigh C6 Speed Blend all carbon fork

Groupset: SRAM Rival Shifters, SRAM Rival R.D., SRAM Rival F.D., SRAM RivalBrakes, SRAM Rival 53/39t chainset, SRAM Rival 11-28 cassette

Wheels: Cole Rollen Elite, with Schwalbe Durano 700c x 25mm tyres

Part No.s: RAMP50BK, RAMP53BK, RAMP55BK, RAMP57BK, RAMP59BK

RRP: £1,950

SPEEDBLEND

DC DIRECT CONNECT



For detailed specification and geometry please visit www.raleigh.co.uk

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Militis Race

Frame: Militis Speed Blend Direct Connect carbon Fibre with PF30 btm bracket, tapered head tube, performance race geometry

Fork: Raleigh C6 Speed Blend all carbon fork

Groupset: SRAM Force Shifters, SRAM Force R.D., SRAM Force F.D., SRAM Force Brakes, SRAM Force 53/39t chainset , SRAM Force 11-26 cassette

Wheels: Cole C24 LITE (Tubeless Ready), with Schwalbe Durano 700c x 25mm tyres

Part No.s: RAMR50GR, RAMR53GR, RAMR55GR, RAMR57GR, RAMR59GR

RRP: £2,500

SPEEDBLEND

DC DIRECT CONNECT



For detailed specification and geometry please visit www.raleigh.co.uk

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Equipe

Frame:	Raleigh 6061 double butted track frame
Fork:	Raleigh carbon blade
Groupset:	RSP Crank (165mm) with 49 tooth chainring additional 50T and 45T rings supplied, 15T sprocket fitted additional 16T sprocket supplied
Wheels:	RSP TC1.0, with Vittoria Zaffirio Slick 700 x 23c tyres
Part No.s:	RAEQ45BK, RAEQ50BK, RAEQ52BK, RAEQ54BK, RAEQ56BK, RAEQ58BK, RAEQ60BK
RRP:	£600





For detailed specification and geometry please visit www.raleigh.co.uk



www.raleigh.co.uk/performance-race

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