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THE NEW SPECIALIZED TURBO C
DESIGNED BY WILDERNESS TRAIL BIKES

When Specialized asked us to create a tread pattern for their road tires with improved casing, we were initially stumped. We have developed 15 different on-off and off-road tread patterns suited to different terrain and rider "profiles" starting with the world famous Ground Control. But this was a new challenge - purely pavement.

We asked ourselves why not a slick? Doesn't it provide the greatest possible surface contact? Well, actually not. Any road surface is porous to some degree. We felt that putting grooves or "sipes" in the rubber would provide some interface so that the rubber and pavement would interlock. This interlocking contact is desirable for increased resistance to shearing. We felt this was an essential element to strong, predicable cornering but would create more rolling resistance and faster wear if the center section of the tire were siped. The inside edges of the sipes on each side of the tire just contact the pavement when the bicycle is perfectly upright. This will disturb a hydroplaning effect when riding over surface water. The slick center providing most of the contact when upright inhibits the erosion of rubber that starts more easily at an edge. (Incidentally, the rubber down the middle is 50% thicker than earlier Specialized performance road tires.) The distance between sipes, and the angle and shape of those sipes, have been laid out to create a balance of predictability in cornering, wear, and water displacement (when needed).

The casing is far more supple and cut resistant than earlier tires. A supple casing helps a tire ride more smoothly and absorb surface irregularities better, even when inflated to 115 PSI. The ability of the casing to withstand cuts and abrasion allows confident speed and good service life. Many road tires have been discarded with plenty of useable tread because the casing has damage which could prove to be unsafe.

The combination of innovative tread and technically superior materials has resulted in a tire of unsurpassed quality. But don't take our word for it. Try them out! The Turbo C has the convenience of a clincher with the feel of a sew-up. The best riders and racers in our area have given them a thumbs up.

The Turbo C is available in 18, 20, and 23C. The same tread pattern will be a feature of the Turbo CR, Blacktop, and Infinity.