

TMEER

Omega began with our Connected system. Once we were are able to capture objective measures of throw performance like Spin Rate and Spiral Efficiency, we could turn our attention towards making a ball that performs better for the QB throwing it. We would use our QBX Connected system to track how an individual QB throws a football with different combinations of leather, laces, stripes, and sizes. That data revealed that those construction choices matter when it comes to how the ball flies through the air. We asked ourselves, if we were going to build a ball from scratch, engineered to maximize those throw stats, what would that ball be? Our answer was the Omega.

REVTECH TO BOOST SPIN RATE, PRIME STITCHING TO INCREASE GRIP, AND RAPID BREAK-IN LEATHER TO GET IT READY FOR THE FIELD FASTER.

Dan Hare, Engineer for Wilson R&D

FEATURES & BENEFITS

REVTECH

Redistributed interior weight provides 3-8% higher spin rate, equates to 60 more RPM's for better accuracy, velocity and distance on every throw

ACCURATE • CONTROL LACING (ACL)

Laces are pebbled instead of smooth and provide more grip in all conditions.

SEWN-ON STRIPES

Patented stripes are composite material instead of paint and provide 82% more grip to aid release for more accurate throws.



GAME APPROVED BY



PRIME STITCHING

Middle finger and index finger stitching for throwing off-lace, quick release and ball security

RAPID BREAK-IN LEATHER

Pre-treated leather reduces break-in time for a softer feel and easier grip out of the box

TECH VIDEO



https://www.youtube.com/watch?v=QgpZKLxid00

WHY SPIN RATE MATTERS

MORE AERODYNAMIC

Why is it beneficial to have the football spin at a higher rate? Dan Hare, Wilson Engineer said, "If a ball is spinning faster, then it's easier to cut through the air, so with the given spiral efficiency, it can hold its shape a little bit longer. Bottom line is that it can cut through the air easier, more aerodynamically.

REQUIRES LESS EFFORT

Not only is Omega more aerodynamic, but the effort the player has to put behind their throw to bring the ball up to speed is lessened. This change is apparent in both the angular velocity data and the physicalities of the ball.

By requiring less effort to get to its target, the Omega enables players to throw the ball harder and farther to make even better throws.

LIGHTER FEEL

The Omega actually feels lighter, it feels easier to come out of your hand, and a lot of people start to notice that difference over time.

The way the outer weight was redistributed is from a slightly modified version of the ball liner. It is slightly lighter, less dense and more pliable.

If you were to fill an Omega to 13 psi and compare it to our standard ball at 13 psi, the Omega feels softer, easier to flex— people say just from their touch it feels like there is less air in the Omega. THE DATA



This data is a comparison showing a NCAA QB throws maintaining spiral efficiency while improving spin rate when throwing an Omega vs a GST or a NFL Duke.

OMEGA METRIC COMPARISONS SPIN RATE/VELOCITY



This data is a comparison showing NCAA QB throws increasing max velocity and improving spin rate when throwing an Omega vs a GST or a NFL Duke.

OMEGA.

THIS IS A GAMECHANGER.

WHAT'S CRAZY ABOUT THIS IS IT FEELS **NO DIFFERENT, BUT THIS BALL ACTUALLY SPINS BETTER. WILSON HAS COMPILED STATISTICAL DATA THAT PROVES THAT** THIS BALL SPINS IT BETTER, AND LET'S **BE HONEST, I SPEND A LOT OF TIME COACHING QUARTERBACKS, AND WE WORK ON FOOTWORK AND ALL SORTS OF STUFF, BUT EVERY QUARTERBACK'S TRYING TO DO ONE THING, AND THAT'S SPIN IT BETTER. OMEGA ITSELF IS GOING TO INCREASE THE SPIN FOR YOU."**

- Jordan Palmer, Professional QB Trainer

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