

MASTERMIND™ BRAINIAC

FLIP

COVERSTOCK

Relativity Flip reactive coverstock is Brunswick's newest advancement in our performance enhancing coverstock technology. This Pearl coverstock produces extra length through the heads with exceptional bite on the backend to achieve maximum flip.

CORE

The New Modified **Mastermind Low RG** core features a single density squared-off elliptical inner core. The core is dynamically designed to extend the rotational energy, boosting angular velocity to transfer energy to the pins for increased pin action and higher scores.

BALL MOTION

The new **Mastermind Brainiac** with its Royal Compound finish, provides excellent length through heads and mid lane creating an unsurpassed move on the backend on medium to oily lane conditions.

REACTION SET UP

The **Mastermind Brainiac** can be drilled using the standard drilling techniques developed for asymmetric core bowling balls.

LIGHTWEIGHT ENGINEERING

At Brunswick, the unique core shape of each individual ball is used for weights from 14 to 16 pounds. This approach to lightweight ball engineering provides bowlers with consistent ball reaction characteristics across this weight range. At 12 and 13 pounds, Brunswick uses a generic core shape with a RG-differential that is close enough to the 14 to 16 pound shape so the same drilling instructions can be used.



	16 LB	15 LB	14 LB	13 LB	12 LB
RG-MAX	2.540	2.552	2.569	2.632	2.655
RG-INT	2.526	2.538	2.555	2.621	2.644
RG-MIN	2.492	2.504	2.521	2.589	2.612
RG-DIFF	0.048	0.048	0.048	0.043	0.043
RG-ASY	0.013	0.013	0.013	0.011	0.011



SPECIFICATIONS

Hook Potential	Low (10)	2.10	High (250)
Length	Early (25)	1.50	Long (235)
Breakpoint Shape	Smooth Arc (10)	1.45	Angular (150)
RG Differential	Low (0)	.048	High (.060)
RG Average	Center Heavy (1)	4.1	Cover Heavy (10)

- Mastermind Low RG Core
- Relativity Flip Reactive Coverstock
- 3-Color, Black, Gold, Purple Pearl
- Hardness: 73-75
- 500 Siaair Micro Pad Finish; Royal Compound
- Part No. 60-105772-93X



brainiac

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MAINTAIN YOUR BALL REACTION

Brunswick recommends the following procedures to maintain and restore the reaction characteristics of your Brunswick bowling balls:

1. Clean your ball with **Brunswick Remove All** or similar ball cleaner after every use to reduce oil absorption.
2. If you think your ball has lost some of its "out of the box" reaction, restore the ball to its original factory finish listed on the product information sheet. This is especially important for balls that are highly sanded or polished. Sand to 500-grit Siaair Micro Pad then use **Royal Compound and Royal Shine by Brunswick** to restore the original factory finish on high gloss polish balls. Sand to 500-grit Siaair Micro Pad then use **Royal Compound by Brunswick** to restore the original factory finish on Royal Compound balls. For dull balls, wet sand with the Micro Pad grit listed on the product information sheet.
3. If there is a visible track on your ball, have your pro shop use a Haus or similar resurfacing machine to remove the track then restore the ball to its original factory finish. This service is available, for a fee, at many pro shops.
4. If your ball has more than 50 games on it, you may be able to increase mid-lane and back-end hooking action by removing oil from the coverstock. The **DETOX** oil removal system is the optimal choice for restoring your bowling ball to its "out of the box" performance. Testing has shown the Ultrasonic technology within the **DETOX** machine create the safest and quickest method for removing oil from the ball while doing no damage to the construction of the ball. Brunswick testing has shown that by combining the restoration of the factory finish, resurfacing of the track and oil removal, your Brunswick ball can maintain its original "out of the box" reaction for hundreds of games.

5. If the **DETOX** ball service is not available, seek out a pro shop that has either the **Revivor** or **Rejuvenator** devices that have been designed to gently warm the surface of the ball to draw the oil out. These services are available, for a fee, at many pro shops.

Do not use a home oven to remove oil. Temperatures cannot be adequately controlled and the ball may crack.

6. Absorbent materials sold by other bowling ball manufacturers to remove oil can also be used on Brunswick bowling balls. Information to date seems to indicate that absorbent materials have a more limited ability to remove oil than warming. You may be disappointed with results on heavily oil soaked balls.

NOTE: Oil soaked balls tend to traction less in the oil and respond less to the dry boards on the lane. If you are matching-up using an oil soaked ball on wet/dry or broken down lane conditions, removing the oil from the ball will significantly change your match-up and possibly create undesirable over reactions.

For the most up-to-date product line information visit www.bowlwithbrunswick.com/balls.