

**Part Number**

60-104971-93X

**Coverstock**

Activator - 8 Reactive

Color: Red / Blue Pearl

Hardness: 76-78

**Factory Finish**

High Gloss Polish

**Core Dynamics @ 16lbs**

RG Max: 2.539

RG Min: 2.497

RG Diff: 0.042

Average RG: 3.4 of 10

**Performance**

Hook Potential: 110

Length: 120

Typical Breakpoint Shape: 75

**Available Weights**

11-16 Pounds



Hook Potential:  110  High (175)

Length:  120  Long (235)

Breakpoint Shape  75  Angular (100)

Flare Potential:  0.042  High (0.060)

RG-Average:  3.4

**Brunswick International Series** has been developed specifically for Asian markets using core and coverstock systems that provide bowlers with a range of equipment that matches up to typical Asian lane conditions. The looks of International Series balls are also adapted to Asian tastes making the International Series completely customized for Asian bowlers. Available only through international distributors.

**Reaction Characteristics**

The **Rip Zone** combines a pearlized Activator coverstock, finished with high gloss polish, and a modified Inferno® core shape to create a ball with mid-lane recovery, back-end forgiveness and plenty of hook potential. The pearl additive helps create more length and saves hooking action for the back-ends. The pearl Activator coverstock combined with high gloss polish provides a great balance to rip through today's demanding international lane conditions.

**Response Time**

To understand the International Series Coverstocks better we use a 1-10 number scale system after the coverstock name to describe response time. Response time is how fast or slow the ball changes direction when it encounters friction. The higher the number the faster the ball will change direction similar to skid/snap. The lower the number the slower the ball will change direction similar to smooth arc.

**Utility - Rip Zone**

•**Out of the box:** With its Factory High Gloss Finish, the Rip Zone is an ideal ball for medium to medium-oily lane conditions.

**If your Rip Zone goes too long:** Shiny surface finishes sometimes cause the ball to go too long before breaking. To get your Rip Zone rolling sooner, dull the surface with a 1000-grit abrasive (Abralon or Scotch-Brite Grey pad) to increase hooking action. To further increase hooking action, use a rougher abrasive to create an earlier reaction.

**If your Rip Zone hooks too early:** Players with higher rev rates and/or players with slower ball speed may, on a drier condition, see the ball hook earlier than they would like. To further increase the length, use a 2000-grit or higher abrasive and then reapply Brunswick's Factory Finish High Gloss Polish.

**Reaction Setup - Rip Zone**

The **Rip Zone** can be drilled using the standard drilling techniques developed for two-piece balls. See the included drilling instructions for reaction characteristics and layout details.

### *Maintaining Your Ball Reaction*

Brunswick recommends the following procedures to maintain and restore your Brunswick ball's reaction characteristics:

- Clean your Brunswick ball with **Brunswick Remove All** or similar ball cleaner after every use to reduce oil absorption.
- If you think your Brunswick 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 400-grit then use **Brunswick's Factory Finish High Gloss Polish** to restore the original factory finish on high gloss polish balls. Sand to 220-grit then use **Brunswick's Factory Finish Rough Buff** to restore the original factory finish on rough buff balls. For dull balls, wet sand with the sandpaper listed on the product information sheet.
- If there is a visible track on your ball have your Pro shop use a Haas 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.
- If after restoring the original factory finish you feel your Brunswick ball has still lost some of its hooking action, remove the oil from the ball by gently warming it with either the **Revivor** or **Rejuvenator** Pro Shop devices that have been designed for this purpose. This service is available, for a fee, at many Pro Shops. Brunswick's 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.
- 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, so 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.

### *Ball Comparisons*

Want to compare the performance of this ball to other Brunswick balls? Go to our website at [www.brunswickbowling.com](http://www.brunswickbowling.com). Click on **Balls**, then click on **Pro Shop Information**. This page contains a link to the **Brunswick Ball Comparison Chart**. This chart allows you to see, at a glance, the performance of all Brunswick balls relative to each other, defined by their **Hook Potential** and **Arc Characteristics**. There's even an essay to help explain and guide you through the chart.

### *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 & 13 pounds, Brunswick uses a generic core shape with a RG-differential of 0.045. This differential is close enough to the 14-16 pound shape so that the same drilling instructions can be used.

Weight	16#	15#	14#	13#	12#	11#
Core Shape						
RG-max.	2.539	2.555	2.576	2.660	2.686	2.771
RG-min.	2.497	2.513	2.535	2.615	2.641	2.769
RG-diff.	0.042	0.042	0.041	0.045	0.045	0.002