

KARMA™ URETHANE

AFP
Affordable performance

URETHANE COVERSTOCK

The Karma Navy Solid uses a retro **Urethane** coverstock. Designed for extra length and a smooth predictable ball motion the **Karma Urethane** is designed for lighter amounts of oil and a more "down the boards" line to the pocket.

CORE

The **Karma Urethane** incorporates a familiar light bulb shape Medium RG Performance core that provides easy length through the heads, mid-lane stability while maintaining axis rotation for a strong continuous backend motion.

BALL MOTION

With its 1500 grit Siaair Micro Pad finish, the **Karma Urethane** will still provide good length through the heads with a very smooth predictable breakpoint. The **Karma Urethane** is great ball for rev dominant and slower ball speed players on light oil conditions.

Reaction Setup

The **Karma Urethane** be drilled using the standard drilling techniques developed for symmetric bowling balls.

Lightweight Engineering

At Brunswick, the unique core shape of each individual ball is used for weights from 12 to 16 pounds. This approach to lightweight ball engineering provides bowlers with consistent ball reaction characteristics across this weight range.



	16 LB	15 LB	14 LB	13 LB	12 LB	11 LB	10 LB
RG-MAX	2.567	2.579	2.595	2.614	2.637	2.771	2.802
RG-MIN	2.527	2.539	2.555	2.574	2.597	2.769	2.800
RG-DIFF	0.040	0.040	0.040	0.040	0.040	0.002	0.002



SPECIFICATIONS

Hook Potential	Low (10)	<div style="width: 60px; height: 10px; background-color: #ccc; border: 1px solid black;"></div>	60	High (200)
Length	Early (25)	<div style="width: 170px; height: 10px; background-color: #ccc; border: 1px solid black;"></div>	170	Long (235)
Breakpoint Shape	Smooth Arc (10)	<div style="width: 40px; height: 10px; background-color: #ccc; border: 1px solid black;"></div>	40	Angular (105)
RG Differential	Low (0)	<div style="width: 40px; height: 10px; background-color: #ccc; border: 1px solid black;"></div>	.040	High (.060)
RG Average	Center Heavy (1)	<div style="width: 49px; height: 10px; background-color: #ccc; border: 1px solid black;"></div>	4.9	Cover Heavy (10)

- Medium RG Performance Core
- Urethane Solid Coverstock
- 1-Color, Navy Solid
- Hardness: 77-79
- 500 & 1,500 Siaair Micro Pad Finish
- Chart Position: C-25
- Part No. 60-105468-93X



Brunswick 
BowlwithBrunswick.com

MAINTAIN YOUR BALL REACTION

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

1. Clean your Brunswick ball with **Brunswick Remove All** or similar ball cleaner after every use to reduce oil absorption.

2. 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 **Factory Finish High Gloss Polish by Brunswick** to restore the original factory finish on high gloss polish balls. Sand to 220-grit then use **Factory Finish Rough Buff by Brunswick** to restore the original factory finish on rough buff 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. 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. The service is available, for a fee, at many pro shops. 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. **Do not use a home oven to remove oil. Temperatures cannot be adequately controlled and the ball may crack.**

5. 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.