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Hello Kitty © 1976, 2011 Sanrio Co., Ltd. Viz-A-Ball is a registered trademark of Brunswick Bowling & Billiards Corporation. U.S. patent number 6,524,419 and 6,691,759

Brunswick is committed to continuous improvement. As a result, all specifications are subject to change.
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Item #10 095300 025 • Form #0511 09

2011 BALL CATALOG

Brunswick®

www.BowlwithBrunswick.com

BALL LINES

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C•(SYSTEM) ULTI-MAX™ — NEW

With its Rough Buff Finish, the C•(System) ulti-max skids effortlessly through the front, saving axis rotation in the mid-lane to grab the backend for strong continuous response to friction that cuts easily through the pins on medium to medium-oily lane conditions.

60-105383



DUAL FLIP I-BLOCK CORE

This core incorporates a top and bottom flip block over a centered mass. The dual flip blocks keep the core revving to the backend for improved pin action.

C•(SYSTEM) ALPHA-MAX™

The C•(System) alpha-max offers the highest hook potential of any Brunswick ball to date. It skids effortlessly through the front, saving axis rotation in the mid-lane to grab the backend for strong response to friction and cuts easily through the pins.

60-105344



ASYMMETRIC I-BLOCK CORE

This core enhances the CFT alpha-max coverstock to create maximum forgiveness, strong entry angles along with versatile drilling layouts.

WICKED SIEGE™

The Wicked Siege combines the Propel X Pearl coverstock and the MACE medium RG core to produce a ball motion that is clean through the front, consistent in the mid-lane with a quick response to friction on the backend.

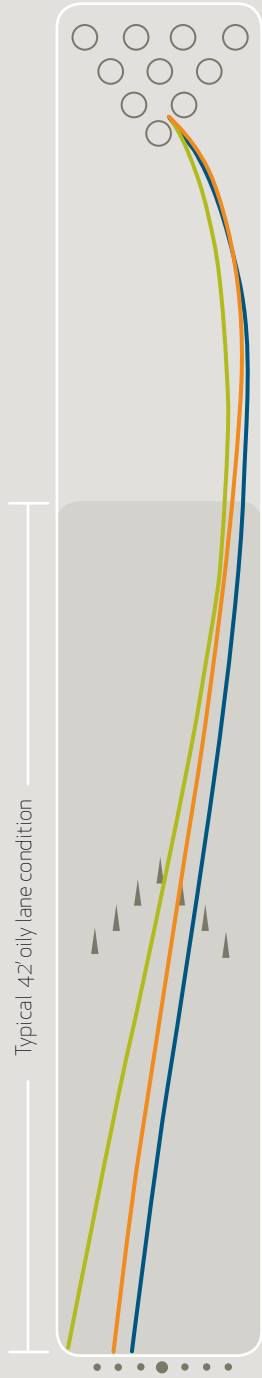
60-105332



MACE™ CORE

This core has a medium RG core system for a breakpoint further down lane. A high RG differential to increase backend traction and high RG asymmetric differential to quicken the response time to friction.

PRO PERFORMANCE	COVERSTOCK	FINAL FINISH	HOOK POTENTIAL	LENGTH	SHAPE	RG-MAX	RG-MIN	RG-DIFF	RG-ASYM	RG-AVG	WEIGHTS
C•(System) ulti-max	CFT ulti-max Pearl	Rough Buff	155	110	95	2.570	2.520	0.050	0.017	4.4	12-16
C•(System) alpha-max	CFT alpha-max	4,000 Siaair Micro Pad	170	100	95	2.570	2.520	0.050	0.017	4.4	12-16
Wicked Siege	Propel X Pearl	Rough Buff	145	115	90	2.579	2.529	0.050	0.020	4.8	12-16



- C•(System) ulti-max
- C•(System) alpha-max
- Wicked Siege



LETHAL REVOLVER™ — NEW

With its 2000 Siaair Micro Pad finish, the Lethal Revolver unites the proven Propel X Solid coverstock and the Jack low RG core to produce a ball motion that clears the front part of the lane and produces a strong yet predictable ball motion from the breakpoint through the pins especially for bowlers with lower rev rates.

60-105385



JACK™ CORE

The Jack core was designed as a low RG symmetric core with a high differential. The low RG engages in the mid-lane assisting in ball motion, and the high differential increases track flare potential giving the ball more opportunity to grip the backend while using standard layouts.

LOADED REVOLVER™

With its Rough Buff finish, the Loaded Revolver unites the proven Propel X Pearl coverstock and the Jack low RG core to produce a ball motion that clears the front with ease and is aggressive in the mid-lane with a quick, continuous response to friction on the backend.

60-105342



JACK CORE

The low RG engages in the mid-lane assisting in ball motion, and the high differential increases track flare potential giving the ball more opportunity to grip the backend while using standard layouts.

REVOLVER™

The Revolver, with its reformulated ConneXion Grip coverstock and 4,000 Siaair Micro Pad finish, provides good length with a strong continuous backend reaction that matches up on medium to oily lane conditions, providing accuracy for a range of bowling styles.

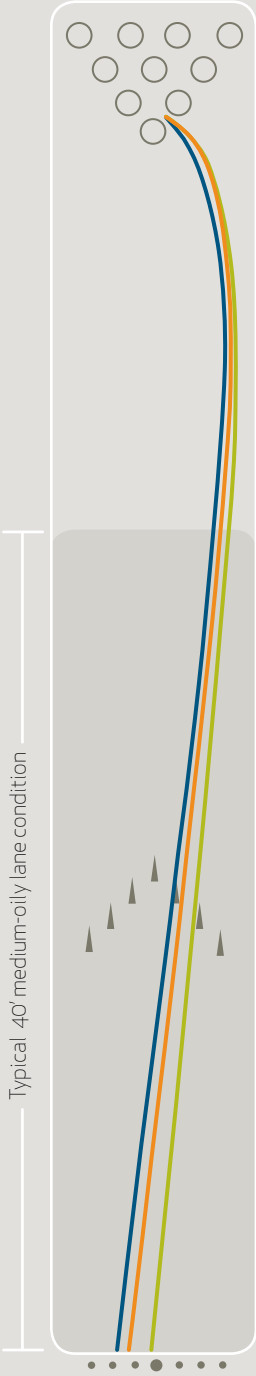
60-105312






JACK CORE

The low RG engages in the mid-lane assisting in ball motion, and the high differential increases track flare potential giving the ball more opportunity to grip the backend while using standard layouts.

HIGH PERFORMANCE	COVERSTOCK	FINAL FINISH	HOOK POTENTIAL	LENGTH	SHAPE	RG-MAX	RG-MIN	RG-DIFF	RG-AVG	WEIGHTS
Lethal Revolver	Propel X Solid	2,000 Siaair Micro Pad	160	100	80	2.558	2.504	0.054	3.8	12-16
Loaded Revolver	Propel X Pearl	Rough Buff	150	110	85	2.558	2.504	0.054	3.8	12-16
Revolver	ConneXion Grip	4,000 Siaair Micro Pad	165	95	75	2.558	2.504	0.054	3.8	12-16



-  Lethal Revolver
-  Loaded Revolver
-  Revolver

MASSIVE DAMAGE™ – NEW

With its Rough Buff finish, the Massive Damage will rev quickly in the mid-lane with a strong continuous backend reaction that matches up on medium oil lane conditions for a wide range of bowling styles.

60-105381



LOW RG CORE

The Massive Damage features a new Low RG Performance core that revs quickly providing mid-lane control with a strong predictable back-end motion.

DAMAGE™

With its high gloss finish, the Damage provides excellent length with a quick response to friction at the breakpoint. With the highest rated breakpoint shape, at the Advanced Performance price point, Damage matches up on medium to dry lane conditions for a wide range of bowling styles.

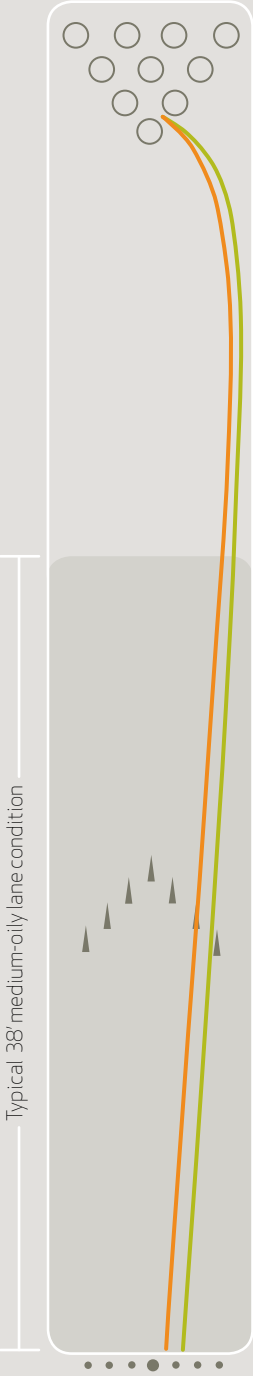
60-105334



HIGH RG
PERFORMANCE CORE

The Damage incorporates a new High RG performance core that provides easy length through the heads and mid-lane while maintaining axis rotation for a strong continuous backend motion.

ADVANCED PERFORMANCE	COVERSTOCK	FINAL FINISH	HOOK POTENTIAL	LENGTH	SHAPE	RG-MAX	RG-MIN	RG-DIFF	RG-AVG	WEIGHTS
Massive Damage	Activator Plus	Rough Buff	155	105	75	2.531	2.481	0.050	3.7	10-16
Damage	PowrKoil 18 Pearl	High Gloss Polish	125	115	90	2.604	2.559	0.045	5.5	10-16



- Massive Damage
- Damage



KARMA[™] BLACK/BLUE SOLID — NEW

With its High Gloss box finish, the Karma Black / Blue Solid will provide good length through the heads, a medium response to friction in the mid lane with a smooth controllable backend. The Karma Black / Blue Solid is great ball for rev dominant and slower ball speed players on medium to light oil conditions.

60-105337



MEDIUM RG PERFORMANCE CORE

The Karma Black / Blue Solid 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.



KARMA[™] BLUE/GREEN PEARL - NEW

With its High Gloss box finish, the Karma Blue/Green Pearl will provide excellent length with a medium to quick response to friction at the breakpoint. The Karma Blue/Green Pearl is great ball for rev dominant and slower ball speed players on light oil conditions.

60-105335



MEDIUM RG PERFORMANCE CORE

Incorporating a familiar light bulb shape this core provides easy length through the heads, mid-lane stability while maintaining axis rotation for a strong continuous backend motion.



AVALANCHE[™] URETHANE

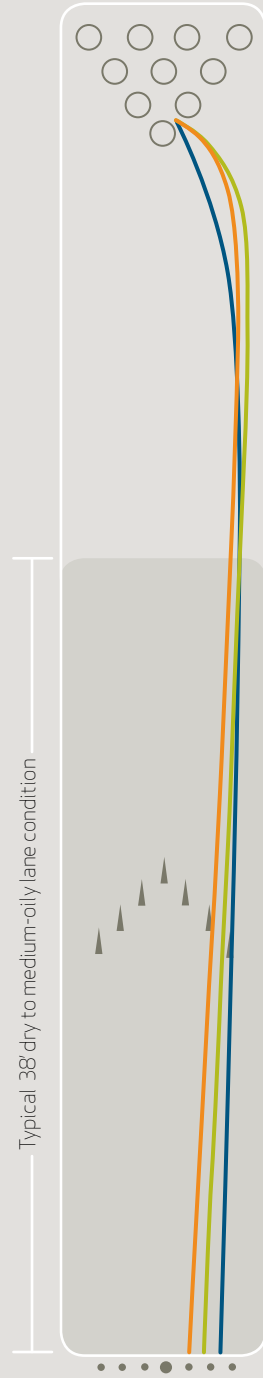
Designed for extra length and a smooth predictable ball motion the Avalanche Urethane is ideal for lighter amounts of oil and a more "down the boards" line to the pocket. The extra length and predictable ball motion will keep you on top of your game.

60-105308



TEAL RHINO[™] LIGHT BULB CORE

This core and its Danger Zone[®] modification were at the heart of two of the most successful balls of all time.



AFFORDABLE PERFORMANCE	COVERSTOCK	FINAL FINISH	HOOK POTENTIAL	LENGTH	SHAPE	RG-MAX	RG-MIN	RG-DIFF	RG-AVG	WEIGHTS
Karma Solid	PowrKoil 18 Solid	High Gloss Polish	120	100	80	2.567	2.527	0.040	4.9	10-16
Karma Pearl	PowrKoil 18 Pearl	High Gloss Polish	100	120	85	2.567	2.527	0.040	4.9	10-16
Avalanche Urethane	Urethane	High Gloss Polish	50	180	50	2.548	2.524	0.024	4.2	10-16



SLINGSHOT® — NEW COLORS

The Slingshot features the popular Brunswick PowrKoil 17™ Reactive coverstock. PowrKoil 17 is a mild reactive coverstock that will create length with a medium response to friction on dry to medium-dry lane conditions. The Slingshot is available in a variety of bright pearliized colors to match any bowler's style.



2-PIECE SHAPED CORE

The first ball in its class with a two-piece shaped dynamic core that offers multiple drilling options and stronger hitting power compared to traditional three-piece pancake weight-block cores available at this price point.



NEW — Purple Pearl/Purple Pearl — 60-105379

ENTRY LEVEL PERFORMANCE	COVERSTOCK	FINAL FINISH	HOOK POTENTIAL	LENGTH	SHAPE	RG-MAX	RG-MIN	RG-DIFF	RG-AVG	WEIGHTS
Slingshot	PowrKoil 17 - Reactive	High Gloss Polish	60	160	65	2.603	2.586	0.017	5.9	10-16



NEW
Black Pearl/Pink Pearl
60-105380



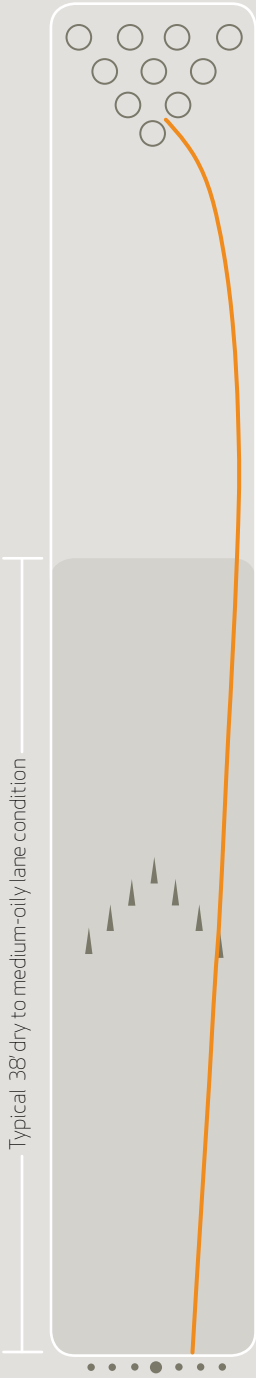
Red Pearl/Silver Pearl
60-105281



Silver Pearl/Black Pearl
61-105280



Gold Pearl/Blue Pearl
61-105282





TZONE[®] GLOW NEW COLORS

It's always good to have a spare, and now our already impressive TZone line is better than ever with improved colors that glow even brighter under black light. Get pinpoint accuracy and show your style.



NEW
Caribbean Blue

Weight options 6, 8-16
60-105354



NEW
Purple Bliss

Weight options 6, 8-16
60-105352



Green Envy

Weight options 6, 8-16
60-105298



Indigo Swirl

Weight options 6, 8-16
60-105302



NEW
Mixed Berry

Weight options 6, 8-16
60-105353



Patriot Blaze

Weight options 6, 8-16
60-105300



Magenta Smoke

Weight options 6, 8-16
60-105297



Pink Bliss

Weight options 6, 8-14
60-105299



BULLET CORE

A small-shaped version of the high-tech, two-piece, the bullet core provides great weight distribution with added track flare.

THEMED BALLS



Peace Themed

Weight options 6, 8-14
60-105316



Hearts Themed

Weight options 6, 8-14
60-104992



Skull Themed

Weight options 6, 8-16
60-104994

VIZ-A-BALL[®]

Limited-edition graphics. Bowling's works of art.

Weight options: 6, 8, 10, 12, 14-16



SKULL CRAZY GLOW - NEW

60-400524

Available Worldwide



UNCLE SAM GLOW NEW

60-400570

Available Worldwide



JUNGLE GLOW - NEW

60-400571

Available Worldwide



FANTASY GLOW - NEW

60-400572

Available Worldwide



WIZARD GLOW - NEW

60-400573

Available Worldwide



SPIRAL RED/BLACK GLOW - NEW

60-400574

Available Worldwide



SPIRAL PINK/PINK/GREEN GLOW - NEW

60-400576

Available Worldwide



IN-VIZABALL

60-400535

Available Worldwide



HELLO KITTY COLLAGE GLOW

60-400556

Available in U.S., Canada & Mexico



HELLO KITTY GLOW

60-400557

Available in U.S., Canada & Mexico



WHITE BALL GLOW

60-104221

Available Worldwide



KALEIDOSCOPE[®] GLOW

60-400530

Available Worldwide



GRIM REAPER GLOW

60-400559

Available Worldwide



GRIZZLY BEAR

60-400560

Available Worldwide



SHARK GLOW

60-400561

Available Worldwide



OCEAN LIFE GLOW

60-400396

Available Worldwide



LIZARD EYE GLOW

60-400528

Available Worldwide



SMILEY FACE
60-400245
Available Worldwide



LEOPARD
60-400021
Available Worldwide



COW GLOW
60-400240
Available Worldwide



CAMOUFLAGE
60-400438
Available Worldwide



PINK CAMOUFLAGE GLOW
60-400492
Available Worldwide



SNAKE GLOW
60-400527
Available Worldwide



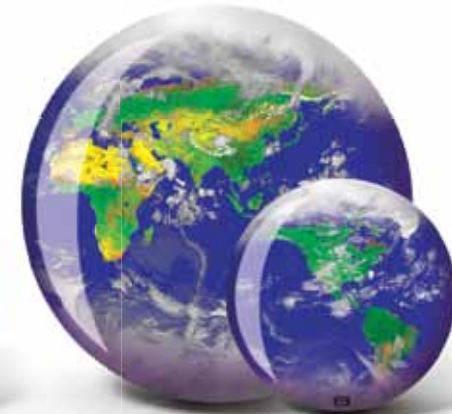
GAME FISHING GLOW
60-400529
Available Worldwide



HEARTS GLOW
60-400534
Available Worldwide



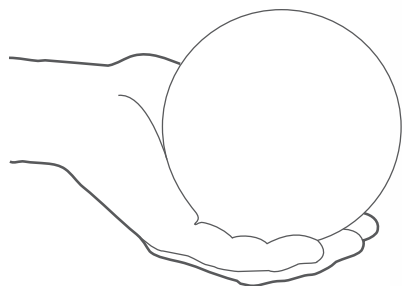
BUTTERFLIES GLOW
60-400526
Available Worldwide



WORLD GLOW
60-400507
Available Worldwide

MINI VIZ-A-BALL[®]

Fun, collectible miniature balls.



300 GAME
60-610039
Available Worldwide



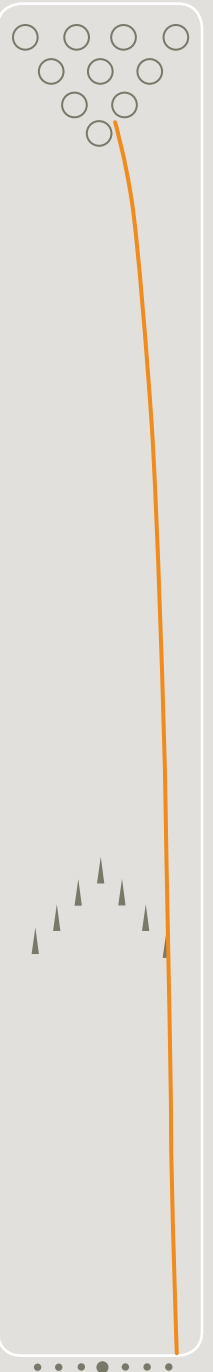
IT'S A BOY
60-610012
Available Worldwide



IT'S A GIRL
60-610011
Available Worldwide



FLAME
60-400287
Available Worldwide



TZone and Viz-A-Ball



BALL COMPARISON CHART

	DRY LANE CONDITIONS				LIGHT LANE CONDITIONS						MEDIUM TO OILY LANE CONDITIONS								OILY LANE CONDITIONS					
	A	B	C	D	E	F	G	H	I		J	K	L	M	N	O	P	Q	R	S	T	U	V	
1										QUICK RESPONSE														1
2																		C-(System) ulti-max						2
3																						C-(System) alpha-max		3
4																*Wicked Siege								4
5													Damage											5
6																								6
7									Karma Pearl								Loaded Revolver							7
8										ARC														8
9																								9
10																			Lethal Revolver					10
11											Karma Solid													11
12																Massive Damage								12
13																			*Revolver					13
14																								14
15										ARC														15
16																								16
17				Slingshot																				17
18																								18
19																								19
20																								20
21																								21
22										ARC														22
23																								23
24			Avalanche Urethane																					24
25																								25
26																								26
27																								27
28																								28
	LOW				HOOK POTENTIAL					ARC	HOOK POTENTIAL								HIGH					SLOW RESPONSE
29																								
30																								
31																								
32																								
33																								
34																								
35										SLOW RESPONSE														
36			Viz-A-Ball																					
37			Themed Engraved																					
38			TZONE																					
39																								
40																								
	A	B	C	D	E	F	G	H	I		J	K	L	M	N	O	P	Q	R	S	T	U	V	
	DRY LANE CONDITIONS				LIGHT LANE CONDITIONS						MEDIUM TO OILY LANE CONDITIONS								OILY LANE CONDITIONS					

* Performance numbers were revised in March 2011 based on customer feedback.

BALL SPECIFICATION CHART

PERFORMANCE BALL		COVERSTOCK	FINAL FINISH	HOOK POTENTIAL	LENGTH	SHAPE	RG-MAX	RG-MIN	RG-DIFF	RG ASYM	RG-AVG	WEIGHTS
Pro	C•(System) ulti-max™	CFT ulti-max Pearl	Rough Buff	155	110	95	2.570	2.520	0.050	0.017	4.4	12-16
Pro	C•(System) alpha-max™	CFT alpha-max	4,000 Siaair Micro Pad	180	105	95	2.570	2.520	0.050	0.017	4.4	12-16
Pro	Wicked Siege™	Propel™ X Pearl	Rough Buff	145	115	90	2.579	2.529	0.050	0.020	4.8	12-16
High	Lethal Revolver™	Propel X Solid	2,000 Siaair Micro Pad	160	100	80	2.558	2.504	0.054	-	3.8	12-16
High	Loaded Revolver™	Propel X Pearl	Rough Buff	150	110	85	2.558	2.504	0.054	-	3.8	12-16
High	Revolver™	ConneXion™ Grip	4,000 Siaair Micro Pad	165	95	75	2.558	2.504	0.054	-	3.8	12-16
Advanced	Massive Damage™	Activator Plus	Rough Buff	155	105	75	2.531	2.481	0.050	-	3.7	10-16
Advanced	Damage™	PowrKoil 18 Pearl	High Gloss Polish	125	115	90	2.604	2.559	0.045	-	5.5	10-16
Affordable	Karma™ - Solid	PowrKoil 18 Solid	High Gloss Polish	120	100	80	2.567	2.527	0.040	-	4.9	10-16
Affordable	Karma - Pearl	PowrKoil 18 Pearl	High Gloss Polish	100	120	85	2.567	2.527	0.040	-	4.9	10-16
Affordable	Avalanche™ Urethane	Urethane	High Gloss Polish	50	180	50	2.548	2.524	0.024	-	4.2	10-16
Entry level	Slingshot™	PowrKoil 17 - Reactive	High Gloss Polish	60	160	65	2.603	2.586	0.017	-	5.9	10-16
Polyester	TZone®	Polyester	High Gloss Polish	25	235	30	2.715	2.696	0.019	-	8.7	6,8-16
Polyester	Themed	Polyester	High Gloss Polish	25	235	30	2.715	2.696	0.019	-	8.7	6,8-16
Polyester	Viz-A-Ball®	Polyester	High Gloss Polish	25	235	30	2.715	2.696	0.019	-	8.7	6,8,10,12,14-16

Hook Potential: Rated on an open-ended scale, hook potential describes the relative "out of the box" hook potentials of Brunswick bowling balls. Balls with higher numbers will tend to hook more. Balls with lower numbers will tend to hook less. Bowling balls do not hook by themselves but respond to the forces a bowler applies at release. Hook potential numbers are not a numerical measurement of hooking action. Don't use the difference in hook potential numbers to try to predict the exact difference in the total amount of hook between two balls. A value of 100 is approximately equal to a strong Reactive coverstock - "Danger Zone type" ball reaction. Balls with hook potential numbers greater than 100, typically Particle coverstocks, will tend to hook more than balls with strong Reactive coverstocks. Balls with hook potential numbers less than 100 will tend to hook less than balls with strong Reactive coverstocks.

Length: Rated on an open-ended scale, length describes the relative "out of the box" length of Brunswick bowling balls. Balls with higher numbers will tend to go longer before starting to change direction. Balls with lower numbers will begin to change direction earlier. Length numbers are not a numerical measurement of length. Don't use the difference in length numbers to try to predict the exact distance between breakpoints. A value of 100 is approximately equal to a strong Reactive coverstock - "Danger Zone type" length. Balls with numbers greater than 100 will tend to go longer than a strong Reactive ball. Balls with numbers less than 100, typically Particle coverstocks, will tend to go earlier than a strong Reactive ball.

Typical Breakpoint Shape: Rated on an open-ended scale, Typical Breakpoint Shape describes the relative "out of the box" breakpoint shapes when the balls are used on lane conditions that are appropriate for that ball. For example, on medium amounts of oil, Reactive coverstock balls will tend to have a sharper breakpoint than Particle balls. If the amount of oil is significantly increased, the Reactive ball may not break on the backend at all and the Particle ball may have the sharper breakpoint. The breakpoint numbers don't guarantee a specific breakpoint shape, but indicate the typical breakpoint shape when used on appropriate lane conditions.

PRO SHOP GOODS

Brunswick carries quality bowling products at exceptional savings.



Siaair Micro Finishing Pads

Siaair is a micro finish abrasive pad with three components, one perfect result. Siaair combines the revolutionary velvet net-backed abrasive with a pressure-equalizing, special foam cushioning and the proven Siafast fastening system. The combination is a three-dimensional abrasive for the highest quality requirements in finishing.

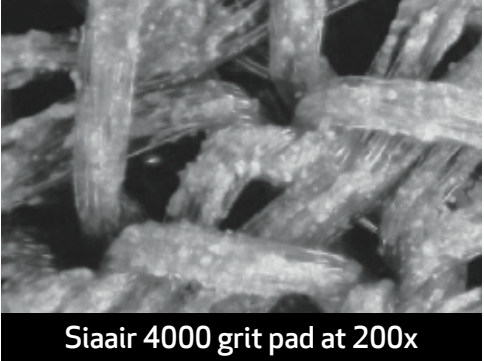
Benefits Include:

- Longest lasting micro pad in the industry
- Consistent finish throughout life of pad
- Minimum clogging
- Low scratch depth
- Waterproof and washable
- Available in the following grits – 240, 360, 500, 800, 1000,1500, 2000 & 4000



SIAAIR MICRO FINISHING PADS
6" – 3 PACK

- 240 grit • 60-105501-024
- 360 grit • 60-105501-036
- 500 grit • 60-105501-050
- 800 grit • 60-105501-080
- 1,000 grit • 60-105501-100
- 1,500 grit • 60-105501-150
- 2,000 grit • 60-105501-200
- 4,000 grit • 60-105501-400



Siaair 4000 grit pad at 200x



Competitor's 4000 grit pad at 200x

Siaair Micro Pads use an aluminum oxide abrasive. As the sanding continues it fractures and creates sharp surfaces. The A/O grain does not penetrate the surface as deeply so it does not produce scratches that are hard to remove.

The **competition** uses a silicon carbide abrasive which is very sharp, brittle and hard. This causes the product to die off quickly becoming less sharp each time the grain fractures.



BALL PLUG STARTER KIT
1/2 gallon compound and 22 oz hardener
160321SK



ULTIMA™ PRO-PLUG®
2gallon kit • 160321UPP



ULTIMA CLEAR COMPOUND
4x1/2 gallon • 160321UCC



ULTIMA HARDENER
4x1/2 gallon • 160321UH



321 PRO-PLUG PUMP KIT
160321PK



321 COMPOUND PUMP
1oz. • 160321CP
321 HARDENER PUMP
1/3 oz. • 160321HP



GRADUATED MIXING CUPS
50, 5 oz. cups • 160321GC



APRON
61-860804



321 FINGER PLUGGING
DAMS (100) • 160321F



321 THUMB PLUGGING
DAMS (125) • 160321T



321 STIR STICKS (500)
160321SS



BALL PLUG CUBE TRAY
160323



321 COLOR KIT
Includes 9, 1 oz. Bottles
Blue, Red, Yellow, Silver Pearl,
Gold Pearl, Purple, Green,
White and Black • 160321CK



BALL RING STAND
Blue • 61-860802
Clear • 61-860805



SLAT WALL BALL HOLDER
Clear • 61-860807



FLOOR MAT
27" X 18" • 61-860803