



**EBONITE**  
BOWL TO WIN™

**These are professional bowlers. People who make a living using the knowledge of bowling to knock down pins with a bowling ball. Needless to say, they take bowling very seriously. Each of these professionals use Ebonite because they know Ebonite products give them the confidence to bring out their best performance. And they all know that Ebonite is continually on the cutting edge of bowling technology developing new balls and new features.**

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**JASON COUCH** knows about excellence in bowling. He started his professional career as the Rookie of the Year in 1992 and only needed 7 years to win the 1999 World Tournament of Champions. Currently, he's the Number 1 ranked bowler in the world. In less than 10 years, this lefty has already bowled 17 PBA perfect games and is closing in on \$1 million in career earnings.

**CAROLYN DORIN-BALLARD** is the epitome of a professional bowler. In her 12th year on the circuit, she is ranked Number 2 in the PWBA and can count 10 professional titles to her credit. In 2000, she earned Runner-up Player of the Year for the fourth consecutive year. Recently, Carolyn was named to the Bowlers Journal International All-American First team for the second time.



# APEX SERIES

Players who bowl for a living depend on Apex for power, control and predictability. From its Big Easy™ particle coverstock to the Fusion™ core design, Apex is all about performance and innovation. As the first two-in-one asymmetric core design with the mass bias located 60° from the pin, Apex means increased torque and energy retention. It's for serious bowlers who want the latest in technology and proven performance.



NEW!

## INTENSITY

STYLE #029744 528  
PURPLE/YELLOW PARTICLE

Coming August 15th.

AVAILABLE WEIGHTS: 12 / 13 / 14 / 15 / 16

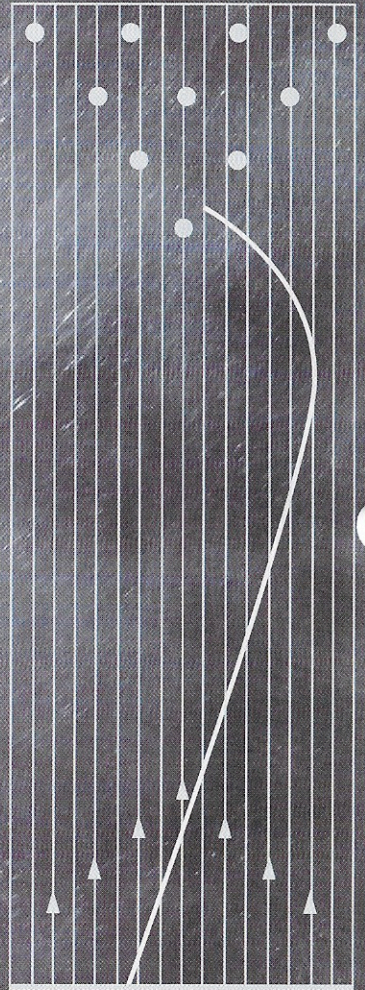
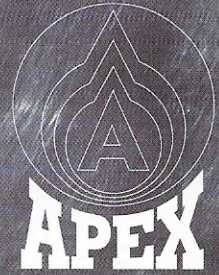


## APEX

STYLE #029744 607  
REFLEX BLUE/RED HOT PARTICLE

The Big Easy™ coverstock, a low volume particle load, allows this high performance ball to get through the front of the lane easier. The Fusion™ core, a two-in-one core design that combines a high flaring cylinder core inside a mellow light-bulb shape, creates a mass bias ball reaction that saves its tremendous energy for the backends. The 1200 grit sanded surface takes polishing easily, allowing the Apex to be the most versatile particle ball on the market today.

AVAILABLE WEIGHTS: 12 / 13 / 14 / 15 / 16



APEX LANE DIAGRAM

A

A - Apex



## WINNING ISN'T EVERYTHING. WINNING EVERYTHING IS EVERYTHING.

"Bowl to win" is not just a company slogan. It's an undeniable force that is sweeping tournaments around the world. In virtually every imaginable venue and in record numbers, athletes who demand predictability, control and power are using Ebonite balls and dominating in the winner's circle. From the Regionals to ABCs to intercollegiate to international competition, Ebonite is the ball that players are using to win. And win. And win. And win.

# MATRIX SERIES

Meet the new Matrix: Dominator, the newest successor in the most successful line of high performance reactive balls, beginning with the introduction of the Matrix Trimax I in 1999. The Matrix line combines "Big Wheel" reactive resin™ with "Bomb's Away" asymmetric core design, for the kind of retained energy, strong breakpoint, predictability and control that professional bowlers demand.



NEW!

## MATRIX DOMINATOR

STYLE #029744 786 NAVY/GREEN SANDED

The latest in the successful line of Matrix reactives, the Dominator surpasses its predecessors in hook potential. Ebonite has added a high flare cylinder to the two-in-one Fusion™ core, converted it into a Bomb's Away design, and wrapped it in the aggressive Big Wheel™ reactive coverstock. Finely sanded with 1200 grit, this new weapon will allow all styles to be the Dominator on medium to heavier oiled lane conditions. Go forth and conquer.

AVAILABLE WEIGHTS: 12 / 13 / 14 / 15 / 16



## MATRIX TRIMAX III

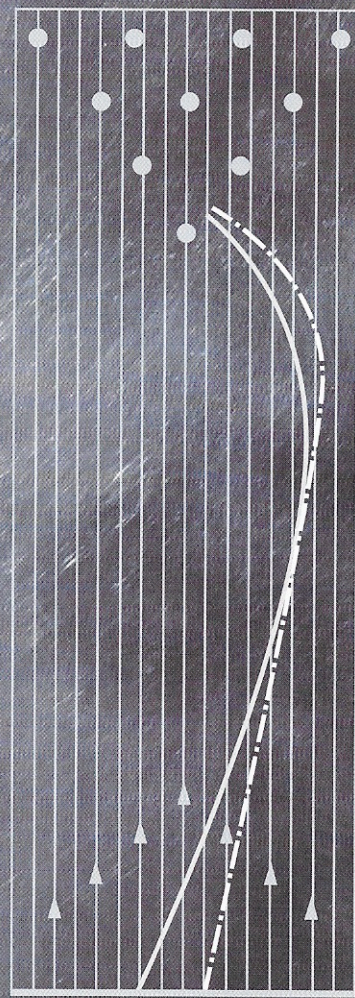
STYLE #029744 900 BURGUNDY PEARL

The Trimax III was designed with lighter to medium oil conditions in mind. The highest RG core in Matrix history was placed inside the aggressive Big Wheel™ reactive coverstock to create a sharper angle at the breakpoint, more than 8% stronger than the Matrix Trimax I and II. The factory polished Trimax III will appeal to medium to slower ball speeds or light to medium oil conditions. Big Wheel keeps on turnin'.

AVAILABLE WEIGHTS: 12 / 13 / 14 / 15 / 16

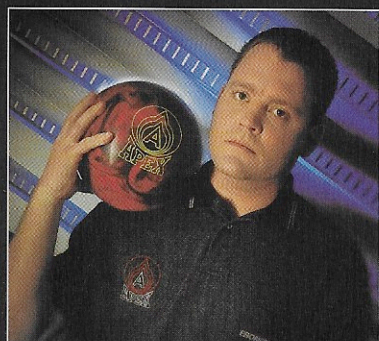


MATRIX LANE DIAGRAM



A B

A - Dominator B - Trimax III



## JASON COUCH

FIRST BACK-TO-BACK TOURNAMENT OF CHAMPIONS WINNER

Ebonite pro Jason Couch made history by winning the PBA Tour's Tournament of Champions two years in a row in 2000. "It's a remarkable feeling," Couch said. "It was amazing to win it the first time and you never expect to do it twice, let alone back-to-back." That's the kind of performance we expect from our pros. More importantly it's the kind of performance pros expect from our equipment.

# VORTEX SERIES

**LIKE A FIRE, IT DESTROYS EVERYTHING - EXCEPT YOUR WALLET.**

Imagine the Vortex Series with a modified Nitro R2 core. Now, imagine it with the same high-performance coverstock as the Matrix™ and Apex series. Are we getting your attention? Now, imagine a price a little less than high-performance balls. Boo-yah!



**NEW!**

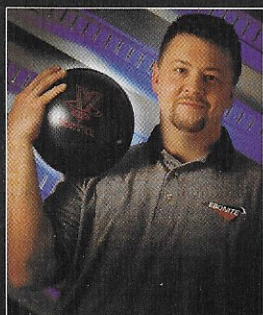
## **AFTERBURNER**

**STYLE #029744 735 GREEN/BLAZE ORANGE SPARKLE**

The most versatile reactive ball on the market, the Vortex II, needed a companion. Something hot, on fire. Something to get through broken down heads and be able to kick it in down the lane. Shift into another gear. Well, turn on the Afterburner. Its Big Easy™ coverstock, pearlized and

fortified with PET particles, allows the ball to be clean through the fronts. And, in conjunction with the medium RG, medium high flare domed R2 core, really haul some butt in the backends. Factory polished, this will be great for all styles when the lanes are medium to drier. Turn and burn.

**AVAILABLE WEIGHTS: 12 / 13 / 14 / 15 / 16**



## **JEFF CARTER**

**THE MAN WHO SET THE ALL-TIME ABC HIGH SEASON AVERAGE**

Ebonite proudly congratulates Jeff Carter, the ABC member who has set the all-time highest season average - 261.4 - and the most 300-games in a career. It takes an incredible bowler to set those kinds of records. Is it the ball? Or the bowler? When both are above average, who cares?



### VORTEX II TRIMAX

**STYLE #029744 533** BLACK/BLUE SANDED

What's that you say? Ball shoots off your hand like a speeding bullet? Do you bowl in a center that believes in oiling to the pin deck, or so it seems? With its 1200 grit sanded Trimax reactive coverstock, the Vortex II is the answer. Known by better bowlers as the most versatile reactive on the market, this center-heavy, extremely low RG version of the Nitro R2 core is designed to rev quicker and hook sooner. Strong and steady. No surprises.

**AVAILABLE WEIGHTS: 12 / 13 / 14 / 15 / 16**



### VORTEX III TPS

**STYLE #029744 536** ROYAL BLUE PARTICLE

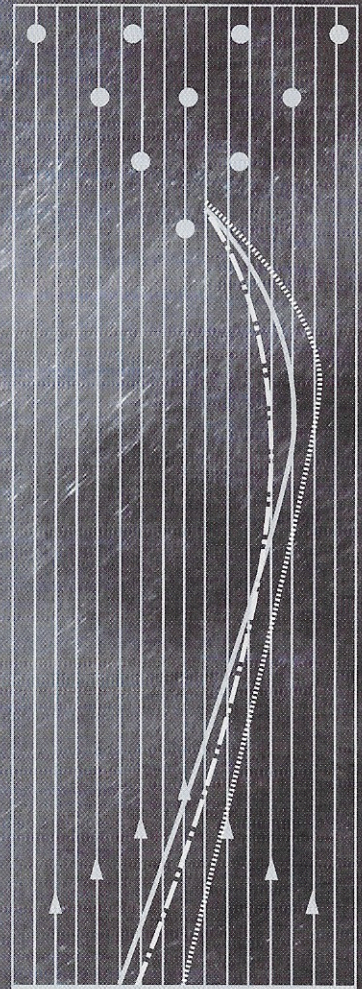
Want a particle ball that doesn't cost an arm and a leg? Looking for versatility and power? The Vortex III features the medium power of the Nitro R2 core to retain energy and the 800 grit sanded TPS particle resin to provide powerful traction. And it also can be polished easily to handle over-reacting lane conditions, making it an excellent choice for a multitude of bowling styles.

**AVAILABLE WEIGHTS: 12 / 13 / 14 / 15 / 16**



**VORTEX**

VORTEX LANE DIAGRAM



CB A

**A - Afterburner**  
**B - Vortex III**  
**C - Vortex II**

## REACTIVE RESIN VERSUS PARTICLE RESIN TECHNOLOGY

Reactive resin is a urethane compound with an additive that creates a pore structure and surface tackiness. Oil is absorbed and channeled into the internal pore structure, keeping the surface of the ball from accumulating a thick deposit of oil. Keeping the ball surface clean from oil will allow the tackiness to enhance the ball's hook potential. Reactive resin has less hook potential in the oil and a very strong, sharper angled hook potential in the backends.

Particle resin uses a reactive resin base and suspends microscopic particles throughout. The particles provide texture that allows the ball to penetrate oil and provide more traction than reactive resin. Particle balls will have a stronger hook potential in the mid-lane oil than reactives, with a controllable arc type of backend hook.

# CAT SERIES

**JUST LIKE A CAT. GRACEFUL TO LOOK AT, BUT THEY POUNCE HARD WHEN THEY ATTACK.** A major favorite of league bowlers. And why not? It's revolutionary Mega-Bite™ Super Tack Plus veneer and the "light bulb" core delivers superior performance and better consistency to everyone on the team.



**NEW!** **PREDATOR**

**STYLE #029744 613** BLOOD RED/WHITE PARTICLE

Hunting is a means of survival. And so is beating the competition. The Predator is deadly on the lanes. The Mega-Bite Super Tack Particle (STP) does the stalking, the modified Puma core does the talking. Engineered for heavier oil patterns, this 800 grit sanded, medium-load particle provides that heavy roll associated with particle balls along with the predictable backend power generated by light-bulb cores. Time to go on the prowl!

**AVAILABLE WEIGHTS: 10 / 11 / 12 / 13 / 14 / 15 / 16**



## CARA HONEYCHURCH

**"THUNDER FROM DOWN UNDER"**

Cara rolled her way onto the PWBA Tour and was overwhelmingly voted Rookie of the Year for 2000. Winning the World Open and the Greater Orlando Classic tournaments in her first year, Cara finished 2nd in earnings for 2000, 4th in rankings, and 1st in overall scoring average. This left-handed Aussie crowd favorite earned her nickname for her thunderous strike ball.





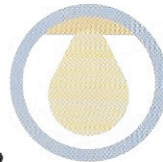
**NEW!**

### SAVAGE

STYLE #029744 610  
MIDNIGHT BLUE/RUBINE RED SANDED

The core of the most devastating ball of its time is back with a vengeance. The medium RG Turbo/X core has been retooled for the tighter lane conditions of the new century by adding a flare increasing domed cap. And, by adding the Big Wheel™ reactive resin, sanded with 1200 grit, Ebonite is recreating the medium length and strong change of direction that made its forefather a legend. Savage. The name says it all.

AVAILABLE WEIGHTS: 10 / 11 / 12 / 13 / 14 / 15 / 16



### TIGER

STYLE #029744 049  
BLACK/ORANGE SPARKLE

Like its namesake, the Tiger pounces on its prey with swiftness and ferocity. Clean through the fronts and strong at the breakpoint. If you need to create angle from the breakpoint to the pocket, or if you just like watching your ball doing it, the Tiger will provide excitement. Excellent playing inside angles on light to medium oil conditions, the Tiger will be excellent for slower to medium ball speeds and help those "rotationally challenged" players create a strong angle of entry.

AVAILABLE WEIGHTS: 10 / 11 / 12 / 13 / 14 / 15 / 16

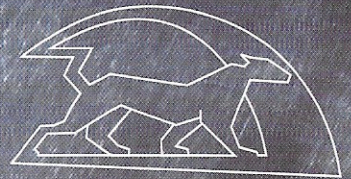


### PANTERA

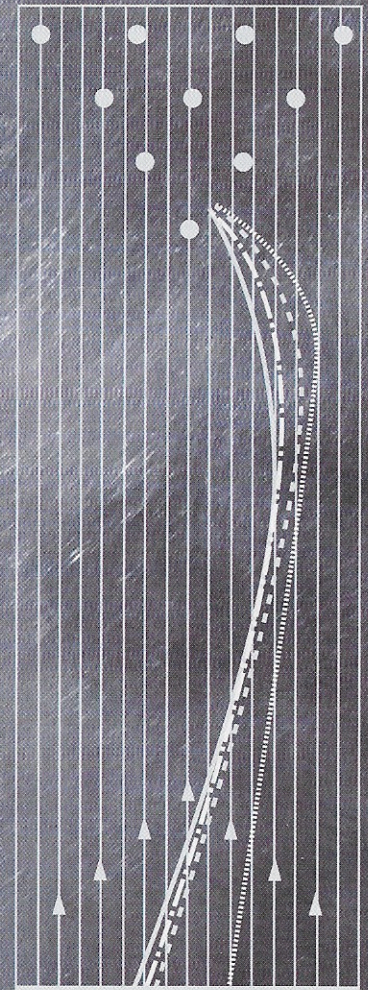
STYLE #029744 101 BLACK/RED SANDED

The Pantera will be your choice to go hunting through that thick, heavily oiled jungle. Potent 1200 grit sanded Super Tack Plus Reactive Resin® claws through longer oil patterns, and the center heavy, high torque light bulb core provides the strong angle of entry. This allows faster ball speeds and lower track players to catch their prey.

AVAILABLE WEIGHTS: 10 / 11 / 12 / 13 / 14 / 15 / 16



CAT LANE DIAGRAM



A D B C

- A - Predator
- B - Savage
- C - Tiger
- D - Pantera

# STINGER SERIES

Stinger is the perfect introduction to reactive resin performance. Choose from the Stinger 2-Piece Pearl ball, for medium hooking potential and predictable control, or the Stinger 2-Piece Sanded ball, for more power and more "bite" on heavier oiled lanes. Together, they create the best entry-level performance reactive line on the market for players who are ready to "get reactive."



**NEW!**

## STINGER 2-PIECE SANDED

STYLE #029744 493 BLACK

The best entry-level performance reactive line in the market just got better. By using the predictable power of the Mega-Bite™ Super Tack Plus coverstock (same as the Tidal Wave Wipeout), the Stinger 2-Piece Sanded provides more "bite" into the oil, not out of your wallet. Sanded with 800 grit, faster ball speeds and those who bowl on heavier oiled lanes will benefit from the added power of the 2-Piece Sanded. The elliptical shaped core provides a predictable transition at the breakpoint and through the pins.

AVAILABLE WEIGHTS: 10 / 11 / 12 / 13 / 14 / 15 / 16



## STINGER 2-PIECE PEARL

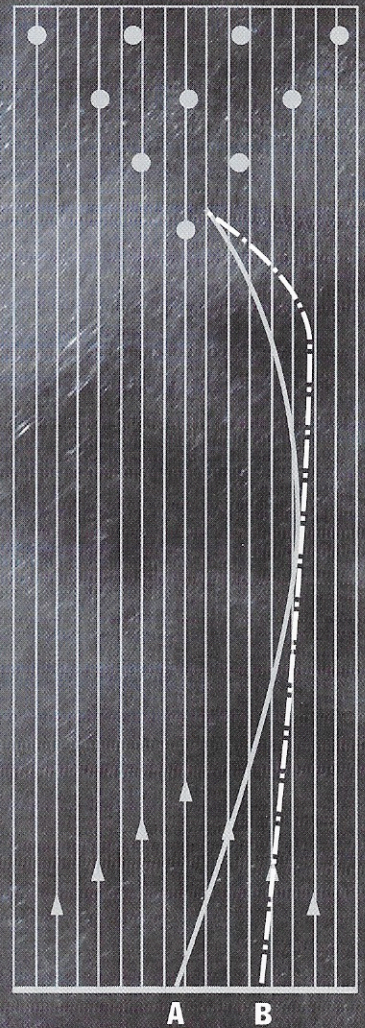
STYLE #029744 712 ROYAL/RED

The best entry-level reactive on the market. And the best priced to boot. The smooth rolling, elliptical shaped core will provide a medium hook potential while exhibiting the control necessary to set your mind at ease. The factory polished Detonator Plus reactive resin™ allows those with slower ball speed or releases with more forward roll to have a continuous hook style and experience the "sting" when it hits the pins.

AVAILABLE WEIGHTS: 10 / 11 / 12 / 13 / 14 / 15 / 16



STINGER LANE DIAGRAM



A - Stinger 2-piece Sanded  
B - Stinger 2-piece Pearl

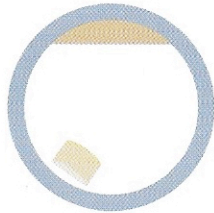


## DEMO DAYS

Ebonite continues to dazzle the crowds - and pro shop owners/managers - with Demo Days. Conducted at bowling centers across the country, Demo Days lets bowlers discover the newest and hottest products from Ebonite. In many cases, they even get sneak peeks at prototype balls and accessories, and even get a chance to give valuable feedback to Ebonite's designers.

# TORNADO SERIES

Feel the fury of a reactive resin performance ball with Tornado! Its weight-block kicks up a storm on the backend, and its coverstock provides dependable reaction. Tornado's the kind of ball you can count on for predictable, controllable power, no matter how far your game takes you. (And we're not talking about Kansas, Toto.)

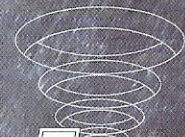


Just starting out? You want a ball that will grow with your skills. A ball that can remain a valuable piece of your arsenal. The new Tornado series combines the features of entry-level simplicity, kicks it up a notch with a higher tech weight-block for more back-end punch, and wraps it inside of the consistent power of the Mega-Bite™ Super Tack Plus coverstock. Available in the blue sanded version (800 grit) for faster ball speeds, a factory polished pearlized sparkle, and a factory polished two-tone sparkle for medium to slower ball speeds.

## TORNADO REACTIVE RESIN

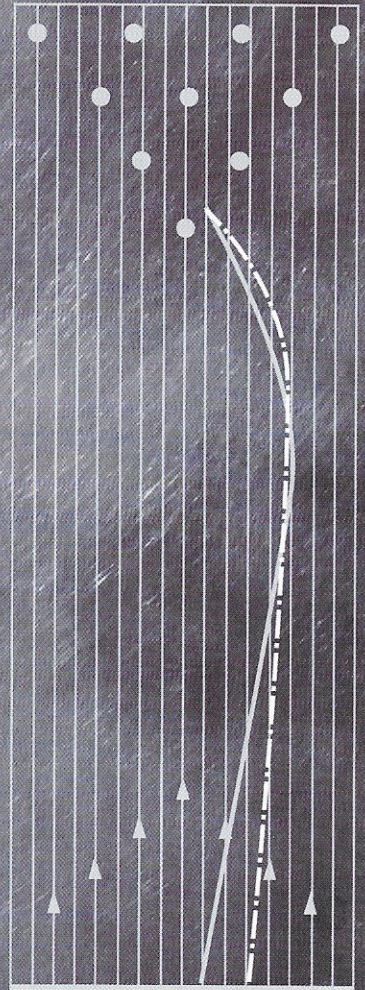
- NEW!** STYLE #029744 909 RED/SILVER PEARL
- NEW!** STYLE #029744 908 BLUE/VIOLET SPARKLE
- NEW!** STYLE #029744 907 SEA FOAM BLUE SANDED

AVAILABLE WEIGHTS: 10 / 11 / 12 / 13 / 14 / 15 / 16



## Tornado

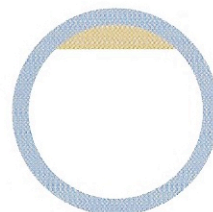
TORNADO LANE DIAGRAM



A B & C

- A - Tornado Sanded
- B - Tornado Red/Silver Pearl
- C - Blue/Violet Sparkle

# GYRO SERIES



## GYRO BLUE SANDED

STYLE #029744 936

This is the best selling entry-level urethane ball of all time. High quality conventional urethane ensures the ultimate in controllability and durability. The sanded surface provides traction for medium oil conditions.

AVAILABLE WEIGHTS: 10 / 11 / 12 / 13 / 14 / 15 / 16

# FUN BALL SERIES

## IMPRESS PEOPLE AT THE ALLEY WITH A FUN BALL.

In a sport that just begs for style, why not get some? Introducing the Ebonite Fun Balls, a series of one-of-a-kind balls that impress your friends with their fun looks, then impresses them again with their effective pin-dropping action.



## YANKEE DOODLE BALL

STYLE #029744 841

Ahhh, the All-American bowling ball. See everybody stand at attention when you roll the stars and stripes down the lane. Just like George Washington, this ball knows its objective and it knocks down anything in its way!

AVAILABLE WEIGHTS: 10 / 11 / 12 / 13 / 14 / 15 / 16



## BOWLER-ONE

President George W. Bush acknowledged that while he's an avid bowler, he's not very good. Well, at least he's honest. Hopefully he can bring up his average by practicing with the Yankee Doodle ball we gave him.

# FUN BALL SERIES

**NEW!**

## HUSTLER POOL BALLS

STYLE #029744 744

Rack 'em up for a good time. Our Hustler balls are designed for fun, with a distinctive look that sets them apart and identifies their weight. Minnesota Fats never had it so good. So put one of these babies in the corner pocket and remember why you started bowling in the first place.

**AVAILABLE WEIGHTS: 9 / 10 / 11 / 12 / 13 / 14 / 15**



## Xs AND Ooohs

"The X Show" on the FX Channel is the epitome of a men's magazine/talk show. What men's products could be better to spotlight than Ebonite's Fun Ball series? The Skull Ball, Eye Ball, Bud Ball and Yankee Doodle all made statements about the new bowling chic.

# MAXIM SERIES

**THE MOST POPULAR POLYESTER BALL IN THE WORLD.**

For the bowler who puts a high priority on looking good and getting everyone's attention, we've got a ball for you. Notice Maxim's wide variety of colors and selection of styles. So cool, people will be watching it come back up the ball return.

**NEW!**  
**NEW!**

- A-STYLE #029744 092** NAVY/MAROON/GREEN SPARKLE
- B-STYLE #029744 089** PURPLE SPARKLE
- C-STYLE #029744 855** ROYAL BLUE SPARKLE
- D-STYLE #029744 875** RED SPARKLE
- E-STYLE #029744 877** BLACK/SILVER SPARKLE
- F-STYLE #029744 881** TEAL SPARKLE
- G-STYLE #029744 587** TEAL/VIOLET/RED
- H-STYLE #029744 673** PEEK-A-BOO BLUE

**AVAILABLE WEIGHTS: 6 / 8 / 9 / 10 / 11 / 12  
13 / 14 / 15 / 16**



**A**



**B**



**C**



**D**



**E**



**F**



**G**



**H**



**MAXIM GLOW**

**NEW!**

**I-STYLE #029744 082** CAPTAIN FIREFLY  
**J-STYLE #029744 177** CAPTAIN NEMO

Every model is a wickedly fun glow-in-the-dark ball,  
 perfect for night and black light bowling.

**AVAILABLE WEIGHTS: 6 / 8 / 9 / 10 / 11 / 12  
 13 / 14 / 15 / 16**



**ROCK 'N' BOWL**

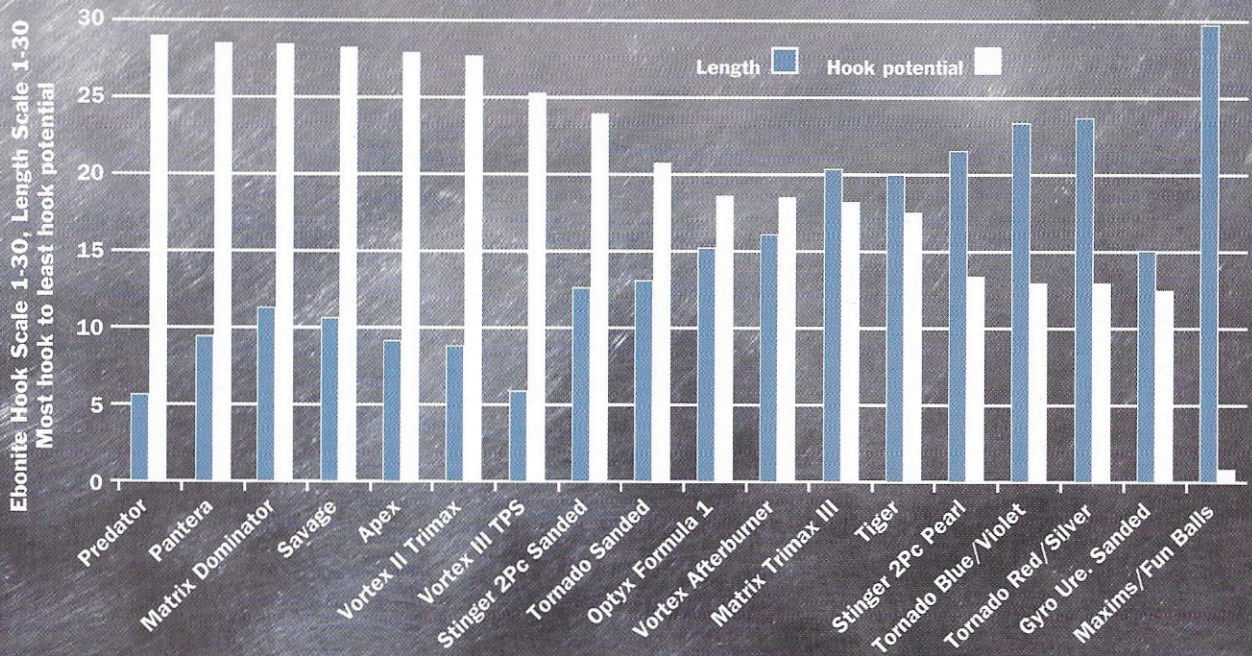
Trendsetter MTV decided the only balls cool enough to use for their annual "Rock 'n' Jock Bowling Bash" were Ebonite balls. Rockers and celebrities played with the "Skull Ball," "Eye Ball," "Captain Nemo," "Maxim Red Sparkle," "Maxim Black Sparkle" and "Maxim Electric Blue" as they dazzled the crowd with their skills.

# Guide to Proper Ball Selection

The below categories are meant as a guide to select the correct ball for you. Ball speed, axis rotation, axis tilt, revolutions, and lane conditions are all important criteria to consider when choosing the correct ball for you. The proper ball choice will be the one(s) that appears the most frequently in your categories. Please consult the EBONITE BALL RATING TECHNICAL MATRIX for technical information and the Surface Friction Chart for the recommended surface texture for your style and lane oiling pattern.

<b>Ball Speed</b> <b>Slower</b> Medium to High RG cores, pearl coverstocks Suggestions: Matrix Trimax III, Vortex Afterburner, Savage, Tiger, Stinger 2 Piece Sanded and Pearl, Tornado Sanded, Red/Silver Pearl, and Blue/Violet Sparkle <b>You may have to polish the surface to retain more energy.</b>  <b>Faster</b> Lower RG cores, higher differential cores, particle coverstocks Suggestions: Apex, Matrix Dominator, Vortex II Trimax, Vortex III TPS, Predator, Panthera <b>You may have to sand the surface to create more traction in heavier oil conditions.</b>	<b>Axis Tilt</b> <b>Low Tilt</b> Lower RG cores, higher differential cores, particle coverstocks, non-pearl coverstocks Suggestions: Apex, Matrix Dominator, Vortex II Trimax, Vortex III TPS, Predator, Savage, Panthera, Stinger 2 Piece Sanded, Tornado Sanded <b>You may have to sand the surface to create an earlier breakpoint.</b>  <b>High Tilt</b> Match up to lane condition, revs, ball speed, axis rotation.	<b>Amount of Oil</b> <b>Heavier Oil</b> Lower RG cores, higher differential cores, particle coverstocks, non-pearl coverstocks <b>Suggestions:</b> Apex, Matrix Dominator, Vortex II Trimax, Vortex III TPS, Predator, Savage, Panthera <b>You may have to sand the surface to create an earlier breakpoint.</b>  <b>Medium</b> Higher RG cores, lower differential cores, pearls <b>Suggestions:</b> Matrix Trimax III, Vortex Afterburner, Tiger, Stinger 2 Piece Sanded and Pearl, Tornado Sanded, Red/Silver Pearl, and Blue/Violet Sparkle <b>You may have to polish the surface to delay the breakpoint.</b>
<b>Axis Rotation</b> <b>Minimal Side Roll</b> Medium to High RG cores, pearl coverstocks, BOMB's Away core designs Suggestions: Matrix Dominator, Matrix Trimax III, Vortex Afterburner, Savage, Tiger, Stinger 2 Piece Sanded and Pearl, Tornado Sanded, Red/Silver Pearl, and Blue/Violet Sparkle  <b>Maximum Side Roll</b> Lower RG cores, lower differential cores, particle coverstocks Suggestions: Apex, Vortex II Trimax, Vortex III TPS, Predator, Panthera	<b>Revolutions</b> <b>Power Player</b> Balls with a smoother hook pattern <b>Suggestions:</b> Apex, Vortex Afterburner, Vortex II Trimax, Vortex III TPS, Predator, Stinger 2 Piece Sanded and Pearl, Tornado Sanded, Red/Silver Pearl, and Blue/Violet Sparkle  <b>Low/Medium Revs</b> Higher differential cores, asymmetric cores, balls with a stronger breakpoint and backend <b>Suggestions:</b> Apex, Matrix Dominator, Matrix Trimax III, Vortex II Trimax, Predator, Savage, Panthera, Tiger	<b>Backend Condition</b> <b>Carrydown</b> Higher differential cores, aggressive coverstocks <b>Suggestions:</b> Apex, Matrix Dominator, Vortex Afterburner, Vortex II Trimax, Predator, Savage, Panthera  <b>Fresh</b> Lower differential cores, balls with a smoother hook pattern <b>Suggestions:</b> Matrix Trimax III, Vortex III TPS, Tiger, Stinger 2 Piece Sanded and Pearl, Tornado Sanded, Red/Silver Pearl, and Blue/Violet Sparkle

## Length and overall hook potential-Original factory finish



## Radius of Gyration and RG differentials by weight

Ball Name	16 #		15 #		14 #		13 #		12 #		11 #		10 #	
	RG	DIFF	RG	DIFF	RG	DIFF	RG	DIFF	RG	DIFF	RG	DIFF	RG	DIFF
Apex	2.478	.042	2.475	.047	2.527	.044	2.590	.043	2.620	.046				
Matrix Dominator	2.480	.050	2.497	.050	2.519	.056	2.590	.043	2.620	.046				
Matrix Trimax III	2.550	.048	2.552	.055	2.534	.066	2.555	.066	2.632	.059				
Vortex Afterburner	2.512	.055	2.529	.055	2.534	.060	2.508	.030	2.577	.032				
Vortex II Trimax	2.451	.046	2.457	.051	2.441	.061	2.508	.030	2.577	.032				
Vortex III TPS	2.540	.044	2.530	.047	2.530	.049	2.508	.030	2.577	.032				
Predator	2.449	.043	2.471	.045	2.510	.050	2.508	.030	2.577	.032	2.624	.032	2.724	.031
Savage	2.522	.055	2.530	.055	2.542	.060	2.508	.030	2.577	.032	2.624	.032	2.724	.031
Panthera	2.480	.042	2.490	.048	2.480	.056	2.508	.030	2.577	.032	2.624	.032	2.724	.031
Tiger	2.530	.048	2.530	.050	2.530	.056	2.508	.030	2.577	.032	2.624	.032	2.724	.031
Stinger 2 Pc. Sanded	2.530	.052	2.570	.044	2.630	.039	2.508	.030	2.577	.032	2.624	.032	2.724	.031
Stinger 2 Pc. Pearl	2.530	.052	2.570	.044	2.630	.039	2.508	.030	2.577	.032	2.624	.032	2.724	.031
Tornado Sanded	2.640	.034	2.650	.040	2.670	.045	2.700	.034	2.730	.036	2.750	.038	2.770	.040
Tornado Blue/Violet	2.640	.034	2.650	.040	2.670	.045	2.700	.034	2.730	.036	2.750	.038	2.770	.040
Tornado Red/Silver	2.640	.034	2.650	.040	2.670	.045	2.700	.034	2.730	.036	2.750	.038	2.770	.040
Gyro Urethane Sanded	2.647	.020	2.657	.020	2.697	.020	2.729	.020	2.758	.020	2.779	.020	2.819	.020