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ROTO GRIP, INC.

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DEFYING THEM ALL

Performance and value made simple.

ROTOBEARSM





ROTO GRIP. YOUR WAY.

There's a reason Roto Grip has been able to remain one of the leading performance bowling equipment brands for more than four decades. It's because throughout that time, we've relied on the most knowledgeable, dedicated research team in the industry – you. At Roto Grip, we believe that there's no better way to discover what bowlers need to succeed than to ask those with a true passion for the sport. That's why we've kept our fingers glued to the pulse of the bowling community. We continuously asked those at every level, from pro shop owners to coaches to players, what they expect from a bowling company, and then aim to surpass those expectations. 2012 is no different.

This year, Roto Grip is making some of our biggest changes in years based on what you've told us you want in your bowling company. But don't worry. We heard loud and clear that you want us to keep making top-quality products and that value needs to continue to be a key consideration. In the coming months, keep an eye out for these new offerings designed to help you take your game to the next level. It's the least we could do for the industry's top research team.

- A reorganization and renaming of our ball lines. The new lines separate our balls according to Hook Potential (HP), making it easier to find the exact performance you're looking for. Read more about the new HP ball lines on the next page.
- The expansion of our top-level ball line, HP4™, with the new, highly aggressive Defiant™ and Defiant Edge™ to join the Critical Theory™.
- The introduction of our entry-level ball line, HPT™, with two new balls to be released this fall.
- A new rating system for all balls based on a simple Guts, Grit and Grime™ scale, making it easier for any bowler to find the right ball for the right lane condition. Read more about the revolutionary Guts, Grit and Grime rating system on the next page.
- An expanded apparel line, which is highlighted right here in this catalog. Be sure to check out rotogrip.com for all of the latest clothes and accessories.
- A brand new website featuring our revamped look and new product offerings. Look for enhanced ball pages offering comparable ball motion, and an improved Star Search feature to help you find the best arsenal of balls for you.

In addition to rotogrip.com, be sure to visit and "Like" our Facebook page and follow us on Twitter for the latest updates and contest information. Thanks to all of our loyal supporters. We look forward to a great 2012/13 season with you as we redefine the game.

The Roto Grip Staff

KNOW WHAT YOU'RE ROLLING. THE GAME-CHANGING NEW ROTO GRIP RATING SYSTEMS.

TO HOOK OR NOT TO HOOK,
IT'S NO LONGER A QUESTION.

HP4
HOOK POTENTIAL

HP3
HOOK POTENTIAL

HP2
HOOK POTENTIAL

HP1
HOOK POTENTIAL

To find the perfect ball, you need to know exactly what that ball is designed to do. **Roto Grip's new HP system separates our balls into lines based on their hook potential, or HP.** The HP4™ line offers products with the most aggressive hook potential. The amount of HP decreases incrementally as the number line decreases, with HPT™ representing balls with the smallest amount of hook potential.

The new HP ball lines make it easier to identify and build a complete tournament arsenal, equipping you to dominate on any lane condition. Or, whether you're a newcomer looking for your first ball or a bowling veteran looking for a ball that perfectly complements your game or existing arsenal, the new lines help narrow your search to only balls that will give you exactly what you're looking for.

THE INS AND OUTS OF GUTS, GRIT AND GRIME™.

The revolutionary Guts, Grit and Grime ball rating scale uses a weighted formula to account for several different measured variables of the weight block and/or core (Guts), the coverstock (Grit) and the lane condition on which the ball achieves maximum performance (Grime). This advanced system gives you a better, quicker understanding of each Roto Grip bowling ball and how it compares to others in the Roto Grip family.



GUTS



GRIT



GRIME

We look at items that include the radius of gyration at a multitude of positions (most measure only three), the shape and direction of the RG planes of this particular shape, the differential, and more. **Higher numbers equate to a more aggressive core or weight block shape which produces more total ball motion.**

We take into consideration the highly complex chemistry involved in producing our cutting-edge coverstocks. Oil displacement and pliability are two of the measurable elements. The number here relates to the strength of the coverstock, and **higher values indicate more aggressive shell materials.**

This will be a letter indicating the amount of lane conditioner this ball is designed to handle. **Heavy Oil (H), Medium-Heavy (MH), Medium (M), Medium-Light (ML), and Light (L)** are your options here. Remember that you can adjust the surface or layout of any Roto Grip ball so that it works across a variety of lane conditions.



HP4
HOOK POTENTIAL

The HP4™ line represents our most aggressive balls designed to give bowlers a major advantage on heavy oil. With the highest Guts, Grip and Grime™ ratings, the balls in the HP4 line deliver the most hook potential Roto Grip has to offer. For maximum performance, grab a Defiant Edge™, Defiant™ or Critical Theory™ – if you think you can handle it.

BRING IT.



DEFIANT EDGE™

Coverstock: MicroBite™ Pearl Reactive
Weight Block: Paragon™ Core
Ball Color: Red/Blue/Black
Factory Finish: 1500-grit Polished
Flare Potential: 7+ (High)
Available Weights: 12 - 16 lbs
SKU#: REG

WEIGHT	RADIUS OF GYRATION	DIFFERENTIAL	MASS BIAS DIFFERENTIAL
16 lb	2.49	0.052	0.017
15 lb	2.49	0.054	0.017
14 lb	2.52	0.053	0.016
13 lb	2.57	0.032	0.016
12 lb	2.59	0.029	0.008



DEFIANT™

Coverstock: MicroBite™ Solid Reactive
Weight Block: Paragon™ Core
Ball Color: Blue/Purple/Black
Factory Finish: 3000-grit Abralon™
Flare Potential: 7+ (High)
Available Weights: 12 - 16 lbs
SKU#: RDE

WEIGHT	RADIUS OF GYRATION	DIFFERENTIAL	MASS BIAS DIFFERENTIAL
16 lb	2.49	0.052	0.017
15 lb	2.49	0.054	0.017
14 lb	2.52	0.053	0.016
13 lb	2.57	0.032	0.016
12 lb	2.59	0.029	0.008

CRITICAL THEORY™

Coverstock: Insight™ Pearl Reactive
Weight Block: Inlaytic™ Core
Ball Color: Cherry/White/Black
Factory Finish: 4000-grit Abralon™
Flare Potential: 7+ (High)
Available Weights: 12 - 16 lbs
SKU#: RCT

WEIGHT	RADIUS OF GYRATION	DIFFERENTIAL	MASS BIAS DIFFERENTIAL
16 lb	2.49	0.051	0.012
15 lb	2.49	0.058	0.013
14 lb	2.54	0.049	0.011
13 lb	2.57	0.032	0.010
12 lb	2.59	0.029	0.008



LEGEND: GUTS GRIP GRIME



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HP3
HOOK POTENTIAL

The balls in the HP3™ line carry a big enough punch to knock out your opponent on most lane conditions. With the second most hook potential, balls in the HP3 line are a perfect combination of power and control. When it's go time, count on the Berserk™ and Bandit™ to take your game to the next level.

KILL IT.



BERSERK™

Coverstock: 65MH™ Hybrid Reactive
Weight Block: Caliber™
Ball Color: Orange Pearl/Purple
Factory Finish: 4000-grit Abralon®
Flare Potential: 4 - 5 (Med-High)
Available Weights: 12 - 16 lbs
SKU#: RBK

WEIGHT	RADIUS OF GYRATION	DIFFERENTIAL
16 lb	2.54	0.051
15 lb	2.57	0.048
14 lb	2.60	0.044
13 lb	2.59	0.045
12 lb	2.65	0.035



BANDIT™

Coverstock: Inception™ Pearl Reactive
Weight Block: Caliber™
Ball Color: Charcoal/Yellow
Factory Finish: 1500-grit Polished
Flare Potential: 4 - 5 (Med-High)
Available Weights: 12 - 16 lbs
SKU#: RBD

WEIGHT	RADIUS OF GYRATION	DIFFERENTIAL
16 lb	2.54	0.051
15 lb	2.57	0.048
14 lb	2.60	0.044
13 lb	2.59	0.045
12 lb	2.65	0.035





HP2
HOOK POTENTIAL

When the HP3™ balls are just too much hook potential for the conditions or your game, the HP2™ line has just what you need. The Shatter™, Rising Star™ and Shooting Star™ are essential pieces for your arsenal, offering performance and controllability at a value-minded price.



SHATTER™

Coverstock: SIML™ Pearl Reactive
Weight Block: Neutron™ Core
Ball Color: Sky Blue/Emerald
Factory Finish: 1500-grit Polished
Flare Potential: 4" - 5" (Med-High)
Available Weights: 10 - 16 lbs
SKU#: SHX

WEIGHT	RADIUS OF GYRATION	DIFFERENTIAL
16 lb	2.56	0.946
15 lb	2.55	0.942
14 lb	2.60	0.944
13 lb	2.63	0.909
12 lb	2.65	0.911
11 lb	2.73	0.912
10 lb	2.77	0.915



SHOOTING STAR™

Coverstock: Ultimate Vision™ Solid Reactive
Weight Block: Neutron™ Core
Ball Color: 2-tone Purple
Factory Finish: 2000-grit Abralon®
Flare Potential: 4" - 5" (Med-High)
Available Weights: 10 - 16 lbs
SKU#: RH1

WEIGHT	RADIUS OF GYRATION	DIFFERENTIAL
16 lb	2.56	0.946
15 lb	2.55	0.942
14 lb	2.60	0.944
13 lb	2.63	0.909
12 lb	2.65	0.911
11 lb	2.73	0.912
10 lb	2.77	0.915

RIISING STAR™

Coverstock: Ultimate Vision™ Hybrid Reactive
Weight Block: Neutron™ Core
Ball Color: Black Solid/Gold Pearl
Factory Finish: 1500-grit Polished
Flare Potential: 4" - 5" (Med-High)
Available Weights: 10 - 16 lbs
SKU#: RIS

WEIGHT	RADIUS OF GYRATION	DIFFERENTIAL
16 lb	2.56	0.946
15 lb	2.55	0.942
14 lb	2.60	0.944
13 lb	2.63	0.909
12 lb	2.65	0.911
11 lb	2.73	0.912
10 lb	2.77	0.915





HP1
HIGH POTENTIAL

Introducing the new HP1™ line. With the lowest hook potential, this line is perfect for beginners who want to start off with a serious advantage. But the new *Scream™* and *Shout™* are more than just entry level balls. They're also essential pieces of a complete arsenal, ideal for super dry lanes or any situation that requires minimal hook potential.

OWN IT.



SCREAM™

Coverstock: 42L™ Pearl Reactive
Weight Block: Late Roll 46" Core
Ball Color: Neon Green/Neon Pink
Factory Finish: 1500-grit Polished
Flare Potential: 7" - 3" (Med-Low)
Available Weights: 10 - 16 lbs
SKU#: RCE

WEIGHT	RADIUS OF GYRATION	DIFFERENTIAL
16 lb	2.57	0.022
15 lb	2.57	0.022
14 lb	2.57	0.022
13 lb	2.63	0.009
12 lb	2.65	0.011
11 lb	2.70	0.012
10 lb	2.77	0.015

SHOUT™

Coverstock: 49L™ Solid Reactive
Weight Block: Late Roll 46" Core
Ball Color: Blue/Orange
Factory Finish: 1500-grit Polished
Flare Potential: 7" - 3" (Med-Low)
Available Weights: 10 - 16 lbs
SKU#: RHD

WEIGHT	RADIUS OF GYRATION	DIFFERENTIAL
16 lb	2.57	0.022
15 lb	2.57	0.022
14 lb	2.57	0.022
13 lb	2.63	0.009
12 lb	2.65	0.011
11 lb	2.70	0.012
10 lb	2.77	0.015

LEGEND: GUTS GRIT GRIME



WHAT DOES YOUR BAG SAY?

ROTO 1-BALL TOTE

BLACK/YELLOW/CHARCOAL
1-Year Limited Warranty | 600 Denier Polyvinyl Fabric | Internal Shoe Pockets | Holds up to Men's Size 15 Shoe
SKU#: R1Y1



Large Front Pocket for Extra Storage.

ROTO 2-BALL TOTE

FEATURES: transparent "Easy View" Top | Adjustable Non-Slip Padded Shoulder Strap



BLACK/YELLOW/CHARCOAL
1-Year Limited Warranty
600 Denier Polyvinyl Fabric
SKU#: R2Y1



BLUE/RED/WHITE
1-Year Limited Warranty
600 Denier Polyvinyl Fabric
w/ Satin Finish Denier Nylon
SKU#: R2R1



ROTO 2-BALL TOTE PLUS

FEATURES: transparent "Easy View" Top | Additional Accessory Storage Compartment | Holds up to Men's Size 13 Shoe



BLACK/YELLOW/CHARCOAL
1-Year Limited Warranty
600 Denier Polyvinyl Fabric
SKU#: R2Y1P



BLUE/RED/WHITE
1-Year Limited Warranty
600 Denier Polyvinyl Fabric
w/ Satin Finish Denier Nylon
SKU#: R2R1P



5-YEAR LIMITED WARRANTY

ROTO 2-BALL ROLLER

FEATURES: Two 4-inch, 8-spoke Smooth Roll™ Wheels | Wider Base for Increased Stability | Holds up to Men's Size 15 Shoe



BLACK/YELLOW/CHARCOAL
5-Year Limited Warranty
600 Denier Polyvinyl Fabric
SKU#: R2YR



BLUE/RED/WHITE
5-Year Limited Warranty
600 Denier Polyvinyl Fabric
w/ Satin Finish Denier Nylon
SKU#: R2BR



NEW Extended Locking telescopic
Handle w/ Grip Release

Heavy-Duty Frame and Hardware

ROTO 3-BALL TOTE

FEATURES: NEW Tighter Construction Promotes Balance While in Transit | NEW Recessed Wheel System | Holds up to Men's Size 15 Shoe



Detachable Shoe Compartment
& Accessory Pouch

NEW Internal Stability System

NEW Smooth-Rolling Wheels



BLACK/YELLOW/CHARCOAL
90-Day Limited Warranty
600 Denier Polyvinyl Fabric
SKU#: R3YT



BLUE/RED/WHITE
90-Day Limited Warranty
600 Denier Polyvinyl Fabric
w/ Satin Finish Denier Nylon
SKU#: R3RT

5-YEAR LIMITED WARRANTY

ROTO 3-BALL ROLLER

FEATURES: Two 4-inch, 8-spoke Smooth Roll™ Wheels | Holds up to Men's Size 15 Shoe



Transparent Security Flaps
Secure Balls While in Transit

Wider Base for Increased Stability

Heavy-Duty Frame and Hardware



BLACK/YELLOW/CHARCOAL
5-Year Limited Warranty
600 Denier Polyvinyl Fabric
SKU#: R3YR



BLUE/RED/WHITE
5-Year Limited Warranty
600 Denier Polyvinyl Fabric
w/ Satin Finish Denier Nylon
SKU#: R3BR



5-YEAR LIMITED WARRANTY

ROTO 4-BALL ROLLER

FEATURES: *NIW* Tighter Construction Promotes Balance While in Transit | Three 5-inch, 8-spoke Wheels for Increased Mobility & Stability | Holds up to Men's Size 15 Shoe



*Locking Telescopic Handle
w/ Grip Release*



Heavy Duty Frame and Hardware

*Detachable 7 Ball Roll Deline
w/ Adjustable Neo-Slip Shoulder Strap*

*Front-Loading Base
for Easy Access to Equipment*

BLACK/YELLOW/CHARCOAL
5-Year Limited Warranty
600 Denier Polyvinyl Fabric
SKU#: 641R



BLUE/RED/WHITE
5-Year Limited Warranty
600 Denier Polyvinyl Fabric
w/ Satin Fresh Denier Nylon
SKU#: 648R



ROTOGEAR.com

IF THE ATTITUDE FITS, WEAR IT.



MORE SELECTIONS

The Roto Gear swagger cannot be contained within a mere catalog. Visit RotoGear.com to view and purchase the complete line of Roto Gear apparel and accessories. Choose from player jerseys, ball logo merchandise, headwear, outerwear, bowling towels and more.

CUSTOMIZE YOUR GEAR

At RotoGear.com, not only can you get your hands on all the latest merchandise, you can make it your own. A large selection of apparel and accessories are standing by waiting for your customization.

SPECIAL PROMOTIONS

Be sure to check back at RotoGear.com frequently for special offers and promotions.

LOG IN TO GET DECKED OUT.

VISIT ROTOGEAR.COM TO VIEW, BUY AND CUSTOMIZE THE LATEST APPAREL AND ACCESSORIES.



ROTOGEAR.com

THESE APPAREL ITEMS ARE
AVAILABLE TO SHIP THE NEXT DAY.

ROTOGEAR.com

JERSEYS



NEW ROTO GRIP JERSEY
ROYAL BLUE | Sizes: SM-4XL
SKU#: SHRGROYJ



WES MALOTT JERSEY
WHITE | Sizes: SM-4XL
SKU#: SHRGWESJ

BRIAN KRETZER JERSEY
BLACK | Sizes: SM-4XL
SKU#: SHRGKJ



SWORD JERSEY
BLUE | Sizes: SM-4XL
SKU#: SHRGSDWJ



DARKSIDE SKULL JERSEY
BLACK | Sizes: SM-4XL
SKU#: SHRGDARKSK



DARKSIDE JERSEY
RED | Sizes: SM-4XL
SKU#: SHRGDARKRED



DARKSIDE JERSEY
BLACK | Sizes: SM-4XL
SKU#: SHRGDARKBLK

MENS CREWS & POLOS

COMPETITOR CREW
BLACK / ROYAL | Sizes: SM-4XL
SKU#: ST350



FIERCE POLO
BLACK / SOFT ORANGE | Sizes: SM-4XL
SKU#: KS20

WOMENS CREWS & POLOS



FIERCE POLO
BLACK | Sizes: SM-4XL
SKU#: LS20



RESILIENCE POLO
DEEP BERRY | Sizes: SM-4XL
SKU#: LS10



COMPETITOR CREW
CARDINAL / LIGHT PINK | Sizes: SM-4XL
SKU#: LS1250

ACCESSORIES



GRIP SACKS
PURPLE SKU#: ACSACKPUR | RED SKU#: ACSACKRED
BLACK SKU#: ACSACKBLK | ROYAL SKU#: ACSACKRYL | GREEN SKU#: ACSACKGREEN



WOVEN TOWELS
ROTO GRIP LOGO TOWEL SKU#: ACTWALROTO
ROTO GRIP RED/BLACK WOVEN SKU#: ACTWALREKRD



BALLS	HP LINES (HOOK POTENTIAL)	CUTS, GRIT & GRIME [®] RATING	RADIUS OF GYRATION	DIFFERENTIAL	MASS BIAS DIFFERENTIAL	WEIGHT BLOCK	COVERSTOCK	FACTORY FINISH	PRICE
Defiant Edge [™]	HP4	83,75 MH	16 lb: 2.49 13 lb: 2.57 15 lb: 2.49 12 lb: 2.59 14 lb: 2.52	16 lb: .051 13 lb: .032 15 lb: .054 12 lb: .029 14 lb: .053	16 lb: .017 13 lb: .010 15 lb: .017 12 lb: .008 14 lb: .016	Paragon [™] Core	MicroBite [™] Pearl Reactive	1500-grit Polished	
Defiant [™]	HP4	83,79 H	16 lb: 2.49 13 lb: 2.57 15 lb: 2.49 12 lb: 2.59 14 lb: 2.52	16 lb: .051 13 lb: .032 15 lb: .054 12 lb: .029 14 lb: .053	16 lb: .017 13 lb: .010 15 lb: .017 12 lb: .008 14 lb: .016	Paragon [™] Core	MicroBite [™] Solid Reactive	3000-grit Abralon [®]	
Critical Theory [™]	HP4	81,67 MH	16 lb: 2.49 13 lb: 2.57 15 lb: 2.49 12 lb: 2.59 14 lb: 2.54	16 lb: .051 13 lb: .032 15 lb: .050 12 lb: .029 14 lb: .049	16 lb: .012 13 lb: .010 15 lb: .013 12 lb: .008 14 lb: .011	Triglytic [™] Core	Insight [™] Pearl Reactive	4000-grit Abralon [®]	
Berserk [™]	HP3	68,45 MH	16 lb: 2.54 13 lb: 2.59 15 lb: 2.57 12 lb: 2.65 14 lb: 2.60	16 lb: .051 13 lb: .045 15 lb: .048 12 lb: .035 14 lb: .044	N/A*	Caliber [™]	45MH [™] Hybrid Reactive	4000-grit Abralon [®]	
Bandit [™]	HP3	68,84 H	16 lb: 2.54 13 lb: 2.59 15 lb: 2.57 12 lb: 2.65 14 lb: 2.60	16 lb: .051 13 lb: .045 15 lb: .048 12 lb: .035 14 lb: .044	N/A*	Caliber [™]	Inception [™] Pearl Reactive	1500-grit Polished	
Shatter [™]	HP2	81,51 ML	16 lb: 2.56 13 lb: 2.63 10 lb: 2.77 15 lb: 2.55 12 lb: 2.65 14 lb: 2.60 11 lb: 2.73	16 lb: .046 13 lb: .039 10 lb: .015 15 lb: .042 12 lb: .011 14 lb: .044 11 lb: .012	N/A*	Neutron [™] Core	51M [™] Pearl Reactive	1500-grit Polished	
Shooting Star [™]	HP2	81,56 ML	16 lb: 2.56 13 lb: 2.63 10 lb: 2.77 15 lb: 2.55 12 lb: 2.65 14 lb: 2.60 11 lb: 2.73	16 lb: .046 13 lb: .039 10 lb: .015 15 lb: .042 12 lb: .011 14 lb: .044 11 lb: .012	N/A*	Neutron [™] Core	Ultimate Vision [™] Solid Reactive	2000-grit Abralon [®]	
Rising Star [™]	HP2	81,53 L	16 lb: 2.56 13 lb: 2.63 10 lb: 2.77 15 lb: 2.55 12 lb: 2.65 14 lb: 2.60 11 lb: 2.73	16 lb: .046 13 lb: .039 10 lb: .015 15 lb: .042 12 lb: .011 14 lb: .044 11 lb: .012	N/A*	Neutron [™] Core	Ultimate Vision [™] Hybrid Reactive	1500-grit Polished	
Screen [™]	HP1	46,42 L	16 lb: 2.57 13 lb: 2.63 10 lb: 2.77 15 lb: 2.57 12 lb: 2.65 14 lb: 2.57 11 lb: 2.73	16 lb: .022 13 lb: .009 10 lb: .015 15 lb: .022 12 lb: .011 14 lb: .022 11 lb: .012	N/A*	Late Roll 44 [™] Core	42C [™] Pearl Reactive	1500-grit Polished	
Shout [™]	HP1	46,45 L	16 lb: 2.57 13 lb: 2.63 10 lb: 2.77 15 lb: 2.57 12 lb: 2.65 14 lb: 2.57 11 lb: 2.73	16 lb: .022 13 lb: .009 10 lb: .015 15 lb: .022 12 lb: .011 14 lb: .022 11 lb: .012	N/A*	Late Roll 44 [™] Core	45C [™] Solid Reactive	1500-grit Polished	

*Weight block designs which are symmetrical do not have an unbalanced mass bias differential.