IT'S PURE PERFORMANCE TO THE CORE.

- Coverstock: **MegaTEC™**
- Radius of Gyration: 2.54
- Differential: .045
- Flare Potential: 4-5"
- Finish: 1200 grit "Fine"
- Hook Potential: 31

NO GUTS. NO GLORY.

COLUMBIA 300° IS LEADING THE WAY IN NEW CORE TECHNOLOGY! With the launch of the Reaction ARC™, Columbia 300 is introducing a whole new element to core design – the patented ARC Block. In the past, most common high performance cores utilized Flip Blocks on the top and/or bottom of the core. These Flip Blocks increased flare potential and caused the ball to "flip" on the backend. The Reaction ARC features ARC Blocks, which, when added to the top and bottom of a high density core, stabilizes the core and creates a strong ARC in the mid-lane and a continuous backend motion.

To create the new Reaction ARC, our team of engineers started with an inner core that has a differential of .154 (with traditional flip blocks), which is almost twice the legal limit according to ABC specifications. We took this high density core, and added low density ARC Blocks to the top and bottom. The ARC Blocks reduced the differential to .045, well within ABC specifications. The end result is a never-seen-before ball motion — hook, control and devastating pin action! Columbia 300 — adding another GREAT Reaction to the Reaction family of bowling equipment.

COLUMBIA 300

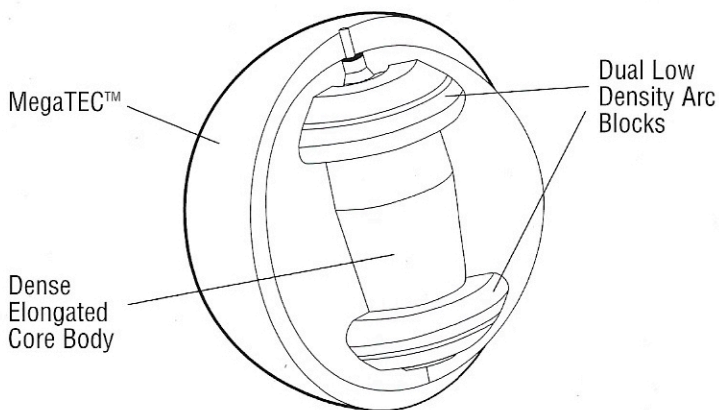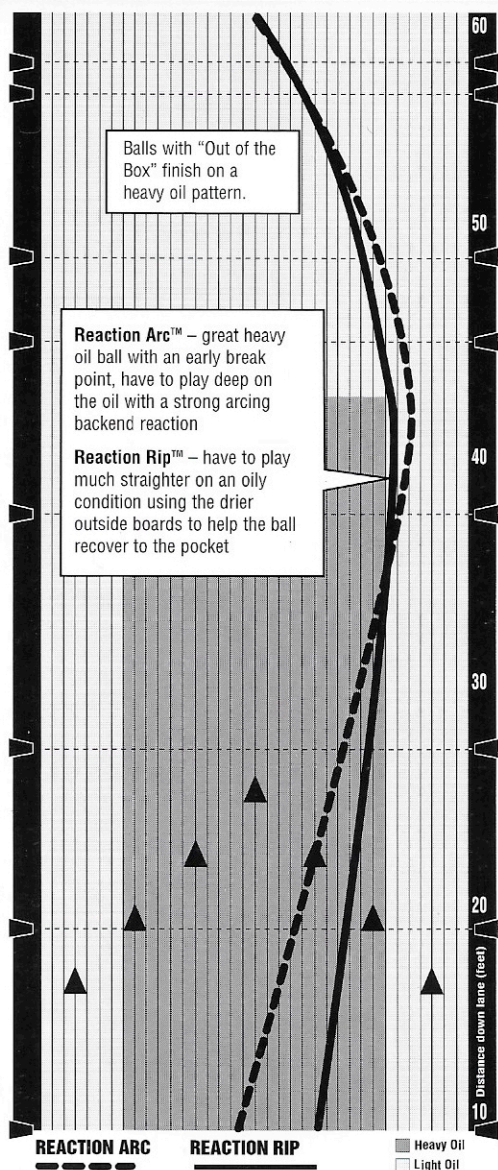Columbia bowls the world over.™

www.columbia300.com

Columbia 300® is leading the way in new core technology!

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The coverstock features our MegaTEC™ particle, which was developed to create more friction in the oil. Due to the strong hook potential of the Reaction ARC, it's available with a factory 1200 grit "Fine" finish. This is a smoother finish than 600 grit Sheen Finish used on previous balls. The Reaction ARC can be easily adjusted to either a higher polish (using TEC™ Shine) for added length or sanded for earlier ball reaction.

TECHNICAL INFORMATION

Balls with "Out of the Box" finish on a heavy oil pattern.

Reaction Arc™ – great heavy oil ball with an early break point, have to play deep on the oil with a strong arcing backend reaction

Reaction Rip™ – have to play much straighter on an oily condition using the drier outside boards to help the ball recover to the pocket

REACTION ARC   REACTION RIP

Heavy Oil
Light Oil

	FEATURES:	BENEFITS:
CORE TECHNOLOGY:	Dense elongated core body	Concentrates the mass near the center of the ball for more hook in oil.
	Dual low density arc blocks	Reduces the differential Rg for more arc and less skid-snap.
COVERSTOCK:	MegaTEC™	New TEC particle for better adhesion to the shell material for durability and more hook.
HARDNESS:	75-78	ABC/WIBC approved.

TECHNICAL SPECIFICATIONS:

DYNAMIC PROPERTIES

Weight	Rg	Differential Rg
16 lb.	2.524	0.045
15 lb.	2.549	0.045
14 lb.	2.579	0.045

Track Flare:
4" to 5"

TECHNICAL BALL INFORMATION

	Hook Rating (Boards of hook)	TEC Rating* (End of Oil)	TEC Rating* (End of Lane)
REACTION ARC™	31	15	43
REACTION ROLL™	30	14	42
REACTION RIP™	24	8	37

All balls were tested with the finish that comes from the factory.
*TEC™ rating is the percent decrease in kinetic energy. The TEC rating is an indication of the energy transferred from kinetic (forward velocity) to rotational (hook). The higher the TEC rating, the more hook up to that area of the lane.

ORDER INFORMATION:

AVAILABLE WEIGHTS:
12-16 lbs.

ITEM NUMBER:
W22-02

COLOR:
Onyx Black with Gold Sparkle Engraving

FACTORY FINISH:
1200 Grit Fine Finish