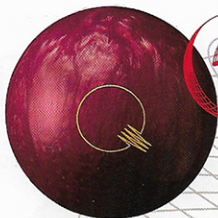


We stand
behind every
Quantum
product.
Warranties cover
all Quantum
balls and
accessories
to be honored
throughout
the U.S.
Authorized
Quantum
Dealers only



Fire
Quantum

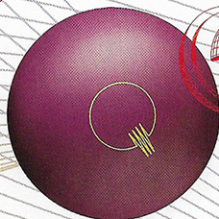
For pure Fire power, this one starts out clean through the front, stronger on the back, with powerful hook and unstoppable momentum.

12-16 lbs.

Hook Potential 17-9
(Dull/Shiny)

Length 4.5

Backend 10+



Violet Hook
Quantum

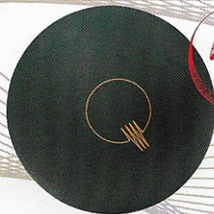
Extreme hooking action, early roll, and strong backend reaction allow Violet Hook to change direction and hook when other balls continue to skid. Best on heavy oil.

12-16 lbs.

Hook Potential 17-9
(Dull/Shiny)

Length 1.5

Backend 10



Forest Green
Quantum

Expect a sudden, powerful backend reaction with center heavy action and a high track flare potential for consistent performance on medium and oily lanes.

12-16 lbs.

Hook Potential 15-8
(Dull/Shiny)

Length 4

Backend 10

Core insets shown are for 16 pound Quantum designs.

The Quantum Range

Quantum has a model to maximize every set of variables and lane conditions. Use this ball reaction guide to determine your most effective Quantum.

BALL	BALL REACTION					CORE DYNAMICS	
	Cover Stock	Cover Stock Preparation	Hook Potential (dull/shiny) (1-20)	Typical Length (1-10)	Typical Backend Reaction (1-10)	Center Heavy Cover Heavy (1-10)	Track Flare Potential (1-10)
Helix (w/Power Stripe)	Reactive/Conventional	Polished	17-9	7	9.5	2.7	10
Sage	Highly Reactive	Polished	19-11	1-2	10.5	1.7	10
Sage Tour	Highly Reactive	Polished	18.5-9.5	4-5	11	2.8	8.9
Fire	Highly Reactive	Polished	17-9	4.5	10+	3.2	7.6
Violet Hook	Highly Reactive	320 grit	17-9	1.5	10	1.7	10
Forest Green	Highly Reactive	320 grit	15-7	4	10	3.5	6.5

COMMENT

- Helix** Dual surfaces. Starts out straight on conventional urethane; flares out on reactive urethane for powerful backend.
- Sage** Breaks early with the highest hook potential available.
- Sage Tour** Breaks later, hooks harder.
- Fire** More length than Forest Green.
- Violet Hook** Early change of direction, maximum hooking action.
- Forest Green** Medium length, strong backend.

For the authorized dealer near you, call the Quantum Customer Information Hotline.



1 - 8 0 0 - 2 6 9 - 5 2 4 4