Information Sheet

Blue Denim Quantum

Part Number

60-103065

Specifications

Proactive 2.0™ Cover Stock
Cerium Oxide Trizact finish
Hook Potential: 20-12 (dull/shiny)
Traction Characteristic: DTX-2
Typical length: 5
Typical Backend: 11
RG Max: 2.609
RG Min: 2.562
RG Diff.: 0.047
Average RG: 5.3

Hardness: 78-79

Reaction Characteristics

The **Blue Denim Quantum**™ pushes the envelope of the **Proactive**™ family of coverstocks to provide a DTX-2 traction rating that translates into the most length obtained from a **Proactive**™ ball ever. This has been accomplished through the creation of a new **Proactive**™ coverstock; **Proactive 2.0**™.

Not a minor tweak of current **Proactive, Proactive 2.0**™ was created by going all the way back and building a new coverstock from scratch. **Proactive 2.0**™ uses a new isocyanate and polyol combination to create a formulation that is unlike anything else ever offered. This can be seen both in the "stonewashed" appearance of the coverstock and in the dramatic difference in the rate of oil absorption of **Proactive 2.0**™. When wiped with a thin film of lane oil, all current **Proactive**™, particle technology, and reactive coverstocks have oil absorption rates in the 0 to 3 minute range. **Proactive 2.0's** unique formulation absorbs oil at least 10 times slower, extending the oil absorption time to 30 minutes or more. This slower rate of oil absorption has been achieved without sacrificing any of the strength or traction characteristics of the Proactive family of coverstocks. **Proactive 2.0**™ also contains a fine tuned blend of the **Proactive**™ additive to give the coverstock a unique texture that provides great traction in the midlane and backend. The result is a ball that cleans the front part of the lane like a reactive ball and then kicks and drives on the backend with the strength characteristic of a **Proactive**™ ball.

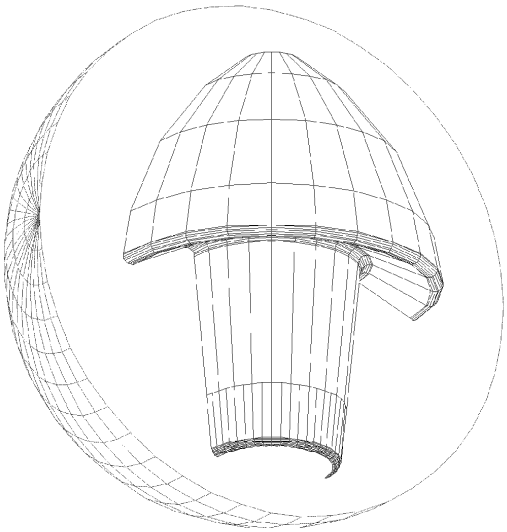
The new **Proactive 2.0**™ coverstock, coupled with the **Quantum** signature arrowhead shape core gives the perfect solution for stronger players that want to obtain the **Proactive**™ advantage (clean through the front with aggressive traction and a smooth, powerful backend move that tames over reactions) on medium to dry lane conditions. It also is the ball of choice for all players looking for a go-to ball for late league shifts or for whenever they are challenged by rapidly changing or broken down lane conditions. The reaction of the **Blue Denim Quantum**™ moves toward the characteristic skid-snap look of reactive balls while maintaining the traction characteristics of **Proactive**™. The **Blue Denim Quantum**™ also continues the tradition established in the Quantum line of having a separate individual core mold for each weight, allowing true "Light-weight dynamic integrity" throughout the weight range.

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Surface Finish

The Blue Denim Quantum is shiny out of the box. To create this finish the Blue Denim Quantum is factory finished using the full four stage Trizact process, working all the way through to the white Cerium Oxide finishing film. This finishing process enhances the DTX character of the ball by creating a shiny finish that gets through the front and kicks on the backend without using any polishes or waxes. The overall reaction of the Blue Denim Quantum on the lane can be adjusted in the Pro Shop by using the Trizact finishing kit to change the surface texture of the ball so that it is appropriate for the bowler and the lane condition being bowled on.

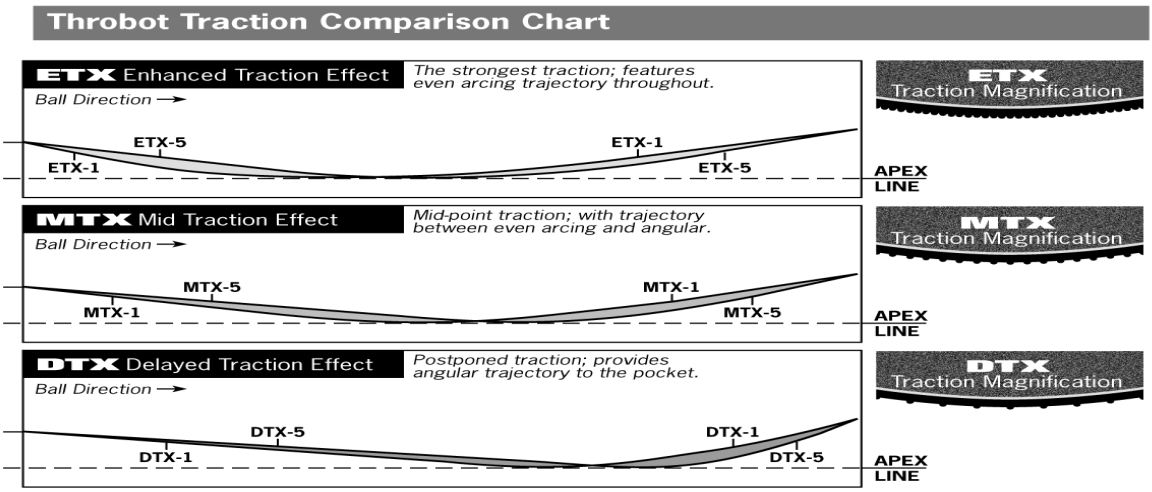


As with all balls, the characteristics of the Blue Denim Quantum will change with wear. If significant tracking of the ball has not occurred, the out of the box reaction can be restored by having the Pro Shop touch up the surface, using the Brunswick hand finishing tool with the white Cerium Oxide Trizact film. If the ball has tracked up, it should be resurfaced to remove the track and then taken through the full four stage Trizact process to restore the factory finish and original reaction.

Drilling Information

All weights of the Blue Denim Quantum can be drilled using the techniques developed for two-piece balls. See Brunswick's "Seven Popular Layouts" for detailed drilling information.

The revolutionary performance characteristics of Proactive™ allow the pro shop to fully utilize layout choices to create desired reactions. Due to the strength of the Proactive material stronger release players would be advised to use layouts 4-7 on the seven popular layouts sheet. For average release players that desire a ball reaction more like a "cranker", layouts 1-3 will produce very strong reactions if their release generates a fair amount of side roll, even if they don't have a lot of revs.

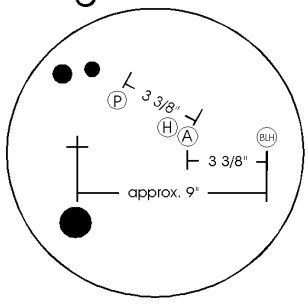


Brunswick®
SEVEN POPULAR LAYOUTS

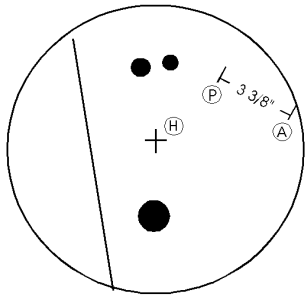
MAXIMUM TRACK FLARE HIGH REACTIVITY

MINIMUM TRACK FLARE LOW REACTIVITY

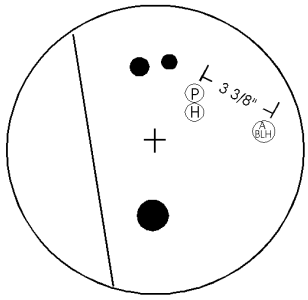
1-Leverage Pin with 9" hole



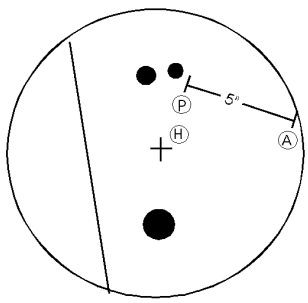
2-Leverage Pin-heavy spot toward grip center



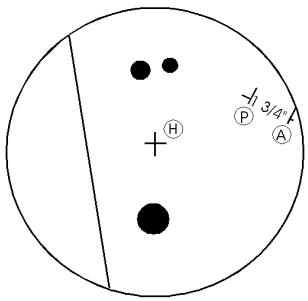
3-Leverage Pin with Axis hole



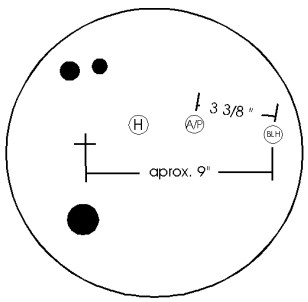
4-Positive label shift



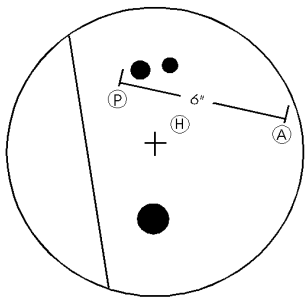
5-Pin between Axis and Leverage



6-Axis Pin with 9" hole



7-Negative label shift



(P) = Pin (H) = Heavy Spot (A) = Axis (BLH) = Balance hole