

BENETECH. ADVANTEDGE™

Advanced Blade Technology



Key Features & Benefits

A Harder Blade Without the Typical Problems

- Flexing feature minimizes differential pressure at the belt surface, ensuring good contact and improved cleaning as well as increasing blade life
- Hard edge blade for excellent cleaning performance
- Unique design allows blade to flex and follow the contours of the belt

Unique “Wave” Profile

- Creates a variable tip attack angle to the belt reducing blade edge bull-nosing
- Changing profile smooths the over- and under-pressure supplied by most tensioners and creates a constant cleaning pressure
- Variable attack angle provides optimum cleaning as the conditions of the belt and the material changes
- Prevents blade separating and splitting



Uses More of the Blade for Cleaning than Competitive Brands

- Typical industry urethane blades toss away 25% or more of the blade when they are “worn” out
- A “worn” AdvantEdge blade has only about 10% of the urethane remaining
- Comparative results: 1) significant increase in wear life, 2) less overall cost, and 3) less service maintenance

“Flex Curves” Allow the Blade to Work With the Belt

- Indented arcs on both sides of the bottom of the blade profile allow the blade to flex and bend more readily as the tip is forced back and forth with the belt changes
- Allows the use of a harder urethane for superior cleaning results without sacrificing blade life
- The Flex Curves assure: 1) best in class cleaning performance, 2) good tip contact and 3) extended wear



Focused on Results for All Applications

- Benetech has combined experience and product knowledge
- We have seen the products, serviced them and now we design them for your advantage
- We select materials to get optimum performance for specific applications
- We design for all materials

<i>Baby Blue</i> Standard	<i>Hot Pink</i> High Temperature
<i>Navy Blue</i> Chemical Resistant	<i>Yellow</i> Abrasion Resistant

Benetech AdvantEdge™ Blade

A harder, stiffer urethane formulation

Provides the cleaning efficiency and the extended wear-life of a metal blade without the disadvantages

Flex Arcs

Provides blade flexibility for better belt contact, higher wear resistances and lower friction

Retrofits to competitive brands

Sizes available to refit any major brand cleaner with the benefits of the AdvantEdge blade

Wave Profile

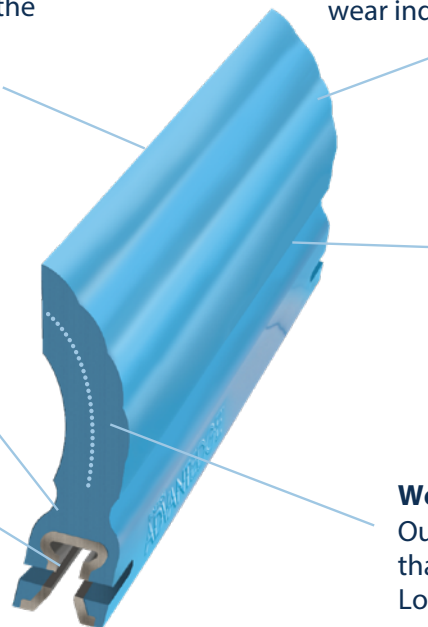
Ensures a variable attack angle to prevent tip bull-nosing and smooth out pressure changes from the spring tensioner. Visual wear indication - 25/50/75/100%

Worn out blade check

When the bubbles are gone the blade is ready to change out. Patent-pending design uses more of the blade's urethane than any blade on the market. Results: less waste, less service

Wear-length

Our centerline wear path is longer than the competitions. Longer life line = longer life



Standard

- Appropriate for 90% of applications
- Acid Resistant
- Materials: Coke, Coal, Steel/Ore
- Temperature Rating: -20° to 160°F



High Temperature

- For exposure to intermittent temperatures up to 450°
- Materials: Clinker
- Temperature Rating: -40° to 375°F (Continuous)



Chemical Resistant

- Materials: Limestone
- Temperature Rating: -40° to 160°F



Abrasion Resistant

- Materials: Hard Rock, Dry Sand
- Temperature Rating: -20° to 160°F

Belt Width		Blade Ordering Numbers			
in	mm	Standard	High Temperature	Chemical Resistant	Abrasion Resistant
12	304	BAPR1-012-010U1	BAPR1-012-010UH	BAPR1-012-010U3	BAPR1-012-010U5
18	450	BAPR1-018-016U1	BAPR1-018-016UH	BAPR1-018-016U3	BAPR1-018-016U5
24	600	BAPR1-024-022U1	BAPR1-024-022UH	BAPR1-024-022U3	BAPR1-024-022U5
30	750	BAPR1-030-028U1	BAPR1-030-028UH	BAPR1-030-028U3	BAPR1-030-028U5
36	900	BAPR1-036-034U1	BAPR1-036-034UH	BAPR1-036-034U3	BAPR1-036-034U5
42	1050	BAPR1-042-040U1	BAPR1-042-040UH	BAPR1-042-040U3	BAPR1-042-040U5
48	1200	BAPR1-048-046U1	BAPR1-048-046UH	BAPR1-048-046U3	BAPR1-048-046U5
54	1350	BAPR1-054-052U1	BAPR1-054-052UH	BAPR1-054-052U3	BAPR1-054-052U5
60	1500	BAPR1-060-058U1	BAPR1-060-058UH	BAPR1-060-058U3	BAPR1-060-058U5
66	1676	BAPR1-066-064U1	BAPR1-066-064UH	BAPR1-066-064U3	BAPR1-066-064U5
72	1800	BAPR1-072-070U1	BAPR1-072-070UH	BAPR1-072-070U3	BAPR1-072-070U5
84	2133	BAPR1-084-082U1	BAPR1-084-082UH	BAPR1-084-082U3	BAPR1-084-082U5

*Standard blade width is belt width -2". Also available with belt width -4" and -6".

BENETECH

2245 Sequoia Dr. #300
Aurora, IL 60506

+1 (630) 844 -1300

info@benetechusa.com

www.benetechglobal.com

