

BENETECH
ADVANTEDGE™

Advanced Blade Technology

The Benetech AvantEdge™ Blade design is patent-pending technology that combines the cleaning and wear-life benefits of a hard blade in a safe, urethane blade.



Key Features & Benefits:

1. A harder blade without the typical problems

Benefits:

- 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

2. Unique "wave" profile

Benefits:

- Creates a variable tip attack angle to the belt reducing blade edge bull-nosing
- Changing profile smoothes 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

3. Uses more of the blade for cleaning than competitive brands

Benefits:

- 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

4. "Flex Curves" allow the blade to work with the belt

Benefits:

- 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 changes in belt surface
- 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

5. Focused on results for coal belts and applications

Benefits:

- 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 a specific application... we design for coal

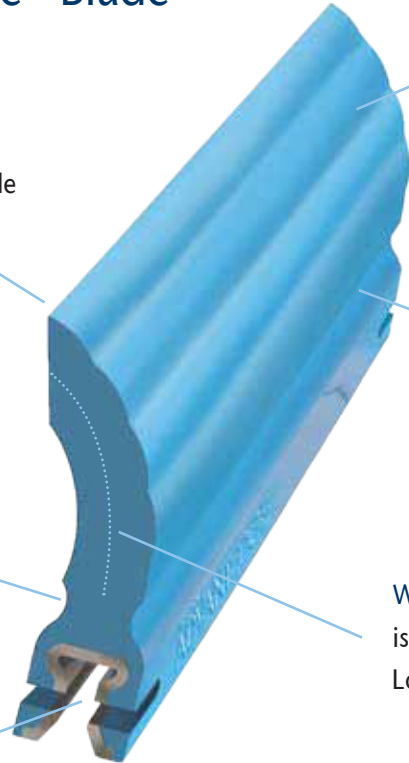
BENETECH
BEST
in
CLASS

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 smoothes 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.

BENETECH ADVANTEDGE™ Blade Ordering Information*

Belt Width		Blade Ordering Number
in.	mm.	
24	600	BAPR1-024-1U1
30	750	BAPR1-030-1U1
36	900	BAPR1-036-1U1
42	1050	BAPR1-042-1U1
48	1200	BAPR1-048-1U1
54	1350	BAPR1-054-1U1
60	1500	BAPR1-060-1U1
72	1800	BAPR1-072-1U1

*Standard blade width is belt width minus 2"

Benetech "Best in Class"

Benetech "Best in Class"---Benetech products are engineered to meet your specific requirements. We don't over-spec, over-sell or under-deliver. "Best-in-Class" means peak performance, user-friendly installation and serviceability with maximum wear life; all backed by Benetech's legendary service and warranty.



BENETECH®

Benetech, Inc.
2245 Sequoia Drive, Suite 300,
Aurora, Illinois 60506

p: 630-844-1300
f: 630-844-8690
www.benetechglobal.com