

BENETECH ADVANTEDGE™

Advanced Blade Technology

The Benetech AvantEdge™ Blade design is patent-pending technology that combines the cleaning and wear-life benefits of a metal 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 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

5. Focused on results for all applications

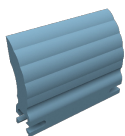
Benefits:

- 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 specific applications... we design for all materials

Benetech AdvantEdge™ Blades

Retrofits to competitive brands- Sizes available to refit any major brand cleaner with the benefits of the AdvantEdge blade.

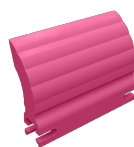
Standard



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

Belt Width		Blade Ordering Number
in.	mm.	
12	304	BAPR1-012-010U1
18	450	BAPR1-018-016U1
24	600	BAPR1-024-012U1
30	750	BAPR1-030-028U1
36	900	BAPR1-036-034U1
42	1050	BAPR1-042-040U1
48	1200	BAPR1-048-046U1
54	1350	BAPR1-054-052U1
60	1500	BAPR1-060-058U1
72	1800	BAPR1-072-070U1
84	2133	BAPR1-084-082U1

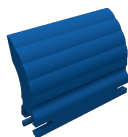
High Temp Blade



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

Belt Width		Blade Ordering Number
in.	mm.	
12	304	BAPR1-012-010UH
18	450	BAPR1-018-016UH
24	600	BAPR1-024-022UH
30	750	BAPR1-030-028UH
36	900	BAPR1-036-034UH
42	1050	BAPR1-042-040UH
48	1200	BAPR1-048-046UH
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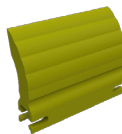
Chemical Resistant



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

Belt Width		Blade Ordering Number
in.	mm.	
12	304	BAPR1-012-010U3
18	450	BAPR1-018-012U3
24	600	BAPR1-024-022U3
30	750	BAPR1-030-028U3
36	900	BAPR1-036-034U3
42	1050	BAPR1-042-040U3
48	1200	BAPR1-048-046U3
54	1350	BAPR1-054-052U3
60	1500	BAPR1-060-058U3
72	1800	BAPR1-072-070U3
84	2133	BAPR1-084-082U3

Abrasion Resistant Blade



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

Belt Width		Blade Ordering Number
in.	mm.	
12	304	BAPR1-012-010U5
18	450	BAPR1-018-016U5
24	600	BAPR1-024-022U5
30	750	BAPR1-030-028U5
36	900	BAPR1-036-034U5
42	1050	BAPR1-042-040U5
48	1200	BAPR1-048-046U5
54	1350	BAPR1-054-052U5
60	1500	BAPR1-060-058U5
72	1800	BAPR1-072-070U5
84	2133	BAPR1-084-082U5

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



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