

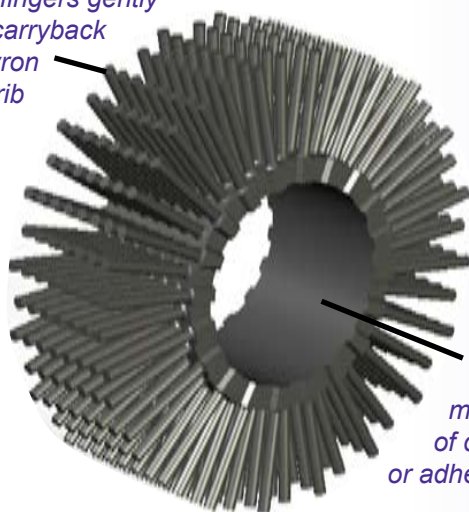
A Better Cleaning Solution

Chevron, cleated and raised rib belts present a special problem for efficient cleaning. However, not cleaning these belts lets the carryback move along the return belt and cause all the familiar problems: mistracking, buildup and premature wear on idler rollers and resulting belt wear and damage. Flexco's Chevron Belt Cleaner takes a new approach to cleaning these problem belts. Hundreds of rubber fingers create a rotary cleaning action that easily flicks carryback off the belt. And without the typical clogging and rapid wear problems associated with brush-type cleaners. Now there is a better solution for wet sand belts, wood chip belts and other raised top or grooved belts.



Chevron Belt Cleaner

2" rubber fingers gently dislodge carryback from chevron or raised rib belts.



Seamless molded ring means no risk of delaminating or adhesion failure.

The Secret is in the Fingers

Hundreds of wiggling, flicking 2" (50mm) fingers are constantly attacking the carryback on the belt while easily stepping over the chevrons or cleats. The fingers are gently tensioned to the belt so there is no danger of abrasive wear or damage to the belt, raised ribs, or to the cleaner fingers. And the fingers are molded from an SBR rubber that offers extended abrasion resistance for long service life. A special molded ring ensures that fingers do not fall off the drum. Each finger is part of a 2-1/2" (63mm) ring that is stretched to snugly fit onto the drum. So there is no vulcanized seam to delaminate or adhesion failure from glue. And each ring is keyed to nest securely to the ring next to it. The result is a trouble-free cleaner that requires minimal maintenance.

Benefits for Your Beltline

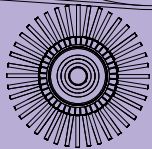
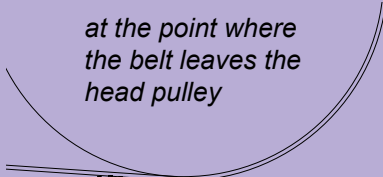
- Free-rotating. Works only when the belt runs.
- Self-cleaning. Finger length, spacing, and the rotary action allows the carryback to fall free instead of clogging.
- Long-wearing SBR rubber. Drum life ranges from 1 to 3 years depending upon the application conditions and the material being conveyed.
- Easy to install. Few parts and easy-to-use installation instructions make the job simple.
- Quick drum replacement. Simply loosen the set screws, slide off the old drum, slide on the new one and retighten the screws.
- Works on mechanically spliced or vulcanized belts.
- Works on reversing belts.



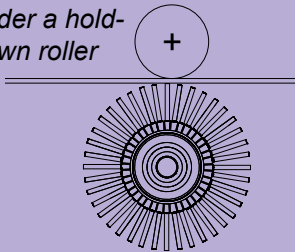
Easy to Use

Installation is simple and quick. Pick a location on the conveyor where the belt is as flat as possible. The flatter the belt the better the cleaning efficiency. Here are some location recommendations:

at the point where the belt leaves the head pulley

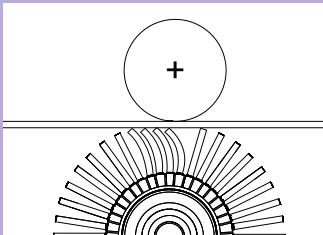


under a hold-down roller



Correct Tension

Lightly tension the fingers to the belt so they compress about 1/4" (6mm).



Cleaning Performance

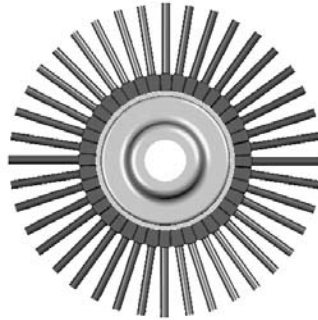
Cleanability range: 50% to 70%. For additional cleaning efficiency add a second cleaner on the belt.



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Compare the Options:



Flexco Chevron Cleaner

- + Self-cleaning fingers.
- + Rubber fingers are gentle on belt's top cover.
- + Passive - moves only when the belt is running.
- + Finger wear life is 1 to 3 years.
- + Drum change is quick and easy.

Typical Brush Cleaner

- Clogs with material, especially when wet.
- Some bristle materials or a clogged brush can cause excessive wear on the belt.
- Motor powered - requires maintenance and repairs.
- Bristles wear quickly and require frequent change-out.
- Independent bristle strips must be removed and new ones rethreaded in.

Specifications

Belt Speed	Up to 500 fpm
Vertical and Horizontal Clearance	10" (250mm)
Temperature Range	-30°F to 180°F (-35°C to 82°C)
Maximum Chevron or Cleat Height	1" (25mm)
Finger Length	2" (50mm)
Rubber Durometer	45A
Overall Diameter	9-1/2" (238mm)
Shaft Length	Belt Width plus 30" (750mm)

Ordering Information

Chevron Belt Cleaner		
Belt Width		Ordering Number
in.	mm	
18	450	CBC18
24	600	CBC24
30	750	CBC30
36	900	CBC36
42	1050	CBC42
48	1200	CBC48
54	1350	CBC54
60	1500	CBC60