

Urathon® Return Rolls



Prevent Idler Buildup, Shed Sticky Material



Quick Specs

- ▶ Classes: CEMA B, C, D, and E
- ▶ Roll Diameters: 5", 6" and 7"
- ▶ Belt Widths: 18" - 96"

Frequently Asked Questions

What are common applications?

- ▶ *Urathon return rolls are best in applications when wet or sticky material cakes or bonds to steel cans, a problem that can often result in belt mis-tracking.*

How hard is the urethane?

- ▶ *Both the standard and spiral versions of this return roll are made from a 87A durometer urethane.*

Can you replace the discs?

- ▶ *Yes, however it involves removing the weld on the retaining ring in order to slip the discs off the shafts.*



URATHON RETURN ROLLS

Features and Benefits

Sticky Shedder

- ▶ Eliminate material buildup
- ▶ No maintenance, self-cleaning rolls
- ▶ Reduce tracking challenges, belt damage and premature failure

Longer Lasting

- ▶ At least 3x the life of rubber discs
- ▶ Reduce maintenance and operating costs

Belt Cleaning

- ▶ Spiral option cleans dirty side of belt (Fig 8.1)
- ▶ Material buildup is the leading cause of belt damage

Retrofit Rolls

- ▶ Slotted shaft fits most competitor brackets



FIG 8.1 SPIRAL URATHON RETURN ROLL

- Rubber Lagging Returns
- Rubber Disc Return Idlers
- Urathon Return Roll



Durometer is a unit of measurement used to signify the hardness of a material.

DUROMETER RATING

Producer Perspective



PLANT MANAGER; PHOENIX CEMENT COMPANY, SCOTTSDALE, ARIZONA

Balloon Effect

“ Clay sticks to steel like a magnet, causing buildup that makes the steel rolls almost double in size. This leads to all kinds of problems! ”

Bloating Steel

“ Some of the steel rolls got so heavy that they stopped rolling. The belt would simply slide across the top of them and potentially end up ripping if you didn’t catch it in time. ”

Zero Buildup

“ These rolls save me time and money and eliminate all the downtime we used to have in change-outs. There is no reason to look any further! ”

Urathon Return Roll



STICKY MATERIAL CLINGING TO STEEL RETURNS CAUSES BELT MIS-TRACKING



URATHON RETURN ROLL SHEDS STICKY MATERIAL

Part Number Guide

Example: C5-RETU-36



* Spiral option is only available in 6" diameter