CERAMIC BELT CLEANER

The ceramic difference.

The ACT Group
Environmental Services Division

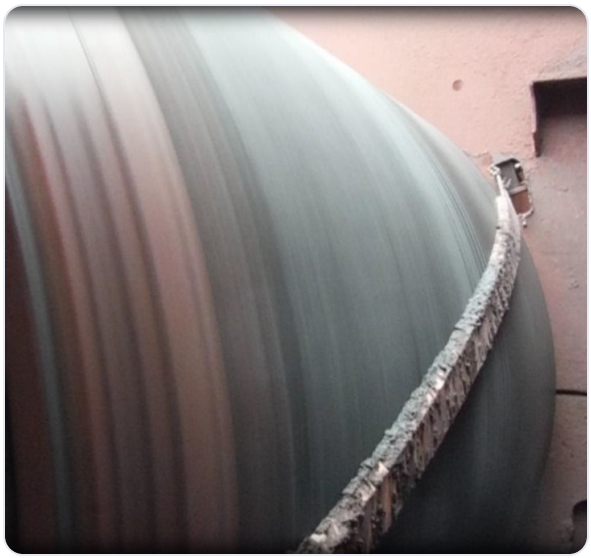
BULK MATERIAL HANDLING · SINCE 1991

SLIDES, NEVER SCRAPES

Alumina ceramic that outlasts urethane at least 4-to-1.

The Ceramic Belt Cleaner's alumina ceramic segments shrug off constant abrasion, corrosion and **350°F operation** — proven under the most demanding conditions in mining, metallurgical, aggregate, cement, pulp and port operations across North America and beyond.

The only contact with the belt is two flat, slippery surfaces on the bottom of each segment, **sliding along the belt cover rather than scraping it** the way urethane, rubber and aggressive tungsten carbide do. No scraping, no damage. The profiled leading edge separates solids and liquids from the belt, and with no obstructions to build up on, cleaned material is pushed over the top and into the chute — self-cleaning by design.



WHY NOT THE USUAL OPTIONS?

Every other blade material makes a trade-off.

Polyurethane

Wears out fast under extreme abrasion and heat — sometimes in weeks. As it wears, carryback climbs unnoticed until someone is free to change the blade. Then it repeats.

Tungsten carbide

Expensive, slow to install, and the sharp blades force against the belt cover. Better suited to secondary cleaning than primary duty.

Bulky rubber scrapers

Twice the cost of urethane, a full shift to install, and the mechanism obstructs flow — solids and ice build up and overload it, adding maintenance instead of removing it.

Benefits delivered to your operation

- **85–95% of fugitive material removed**, consistently — not just when the blade is new
- Service life of **a year or more** vs. weeks-to-months for urethane
- Lightweight (15–30 lbs) — installs in ~2 hours without modification; record install: 42 minutes
- Handles concentrate, pellets, aggregate, cement, coal, oil sand, sticky clays, fines, corrosives, frozen material
- Only the primary is replaced — your current secondary cleaner stays
- Conforms to FRAS specs for underground coal and extreme heat installations
- Any belt width, 12" to 120"+, shipped promptly from stock
- **Performance guaranteed**, with ROI of six months or less

4:1	350°F	~2 hrs	≤6 mo
OUTLASTS URETHANE AT LEAST	CONTINUOUS OPERATION	TYPICAL INSTALLATION	RETURN ON INVESTMENT

Burning through urethane blades?

Tell us the belt, the material and the temperature. If ceramic fits, we install it — performance guaranteed.

T (888) 480-0680
F (909) 350-4982
E sales@groupactinc.com
W groupact.com