

ZIRC & ZIRC PLUS

The Perfect Start for a Perfect Finish™

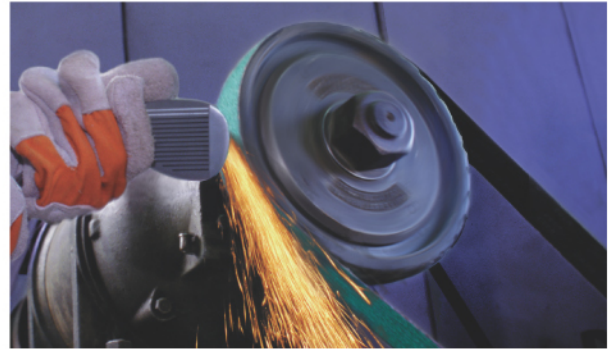
Aluminum and stainless steel can create difficult obstacles in abrasive belt grinding operations.

Problem: Aluminum has a tendency to load a coated belt, resulting in a premature and costly endpoint.
 Stainless steel will often cause heat build-up that damages parts.

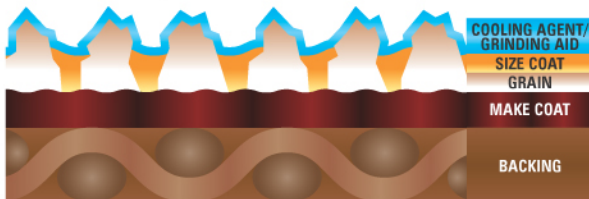
Solution: Sungold's Zirc & Zirc Plus belts

- **More Durability, More Value:** Sungold Zirc Plus belts feature an innovative grinding aid system, proven to resist loading on aluminum, thereby increasing durability and saving you money.
- **Better by Design:** Sungold Zirc Plus belts utilize top quality alumina-zirconia delivering a quick, sharp finish, providing exceptional edgewear, and reducing part discoloration common with heat-sensitive metals.

With more than a quarter century of experience and knowledge in solving unique metal grinding challenges, Sungold has the perfect solution.



Zirc Plus Keeps Its Cool Under Extreme Heat:



Sungold Zirc Plus belts include a special cooling agent, which is applied over the resin bond coat, lowering heat build-up, enhancing productivity and reducing the chance of damage to parts.

Choose The Product To Meet Your Needs:

Sungold Zirc – Great for wet or dry sanding on cast iron, stainless and other high nickel alloys. Also ideal for surface dimensioning on wide belt sanders.

Sungold Zirc Plus – Excellent for gate, flash and riser removal on castings such as aluminum, zinc dies, titanium, stainless steel and many other investment castings. Also perfect for grinding of stainless and other high-nickel alloys, and for graining on stainless steel.

CASE STUDIES

Grade	Grit	Application	Proven Performance
Zirc	40	Pressure assisted wet surface grinding of stainless steel tubing	32% more output of parts per belt than competitive aluminum zirconia belts
Zirc	60	Pressure assisted wet surface finishing of stainless steel tubing	10% longer life than competitive zirc belts with better finish to eliminate rework
Zirc Plus	24	Power-pack machine grinding of stainless steel castings	25% more output compared with competitive aluminum-zirconia belts
Zirc Plus	36	Off-hand grinding of stainless steel castings	30% savings in total abrasive costs and grinds twice as many parts as compared with competitive aluminum oxide belts
Zirc Plus	36	Off-hand grinding of aluminum alloys	Outperforms competitive aluminum oxide belts 2-1/2 to 1
Zirc Plus	50	Off-hand platen sanding for weld removal on 400 series stainless steel surgical instruments	20% cost savings and equivalent belt life compared to 3M ceramic belts

Zirc and Zirc Plus belts are stocked in grits 24 through 120, Y weight, closed coat and poly backed. For more information about our top quality Zirc & Zirc Plus belts, contact Sungold Abrasives USA today: