

ABI Precious Metals

Sterilite **Tarnish Resistant Sterling Grain**

ABI's new family of De-Ox sterling grains are designed to meet the different manufacturing needs of casting properties, tarnish resistance and durability (hardness).

High De-Ox Alloys Casting 319/122/330	Exceptional cast brightness and metal flow properties, Smooth cast surface (tight grain structure) Medium to high tarnish resistance, soft temper
Medium De-Ox Alloys Casting/Rolling 250/256/258	Medium cast brightness, good metal flow properties, Smooth cast surface (tight grain structure) Medium to high tarnish resistance, good hardness
Low De-Ox Alloys Casting 400	Grey cast surface (no fire scale) Fair metal flow properties, forgiving casting properties High hardness
Spring Alloy Casting 180	No De-Ox casting properties, high hardness Similar casting properties to regular sterling

Sterilite De-Ox blends offer these other benefits:

- Excellent tarnish resistance 4 to 7 times greater than traditional sterling
- Superior surface finish due to tighter grain structure of material
- Reduced polishing time resulting from a smoother cast surface with no fire scale.
- Environmentally friendly – eliminates the need to strip with cyanides.
- Reduced porosity due to higher fluidity during casting.
- Reduced scrap due to the elimination of fire scale during casting.
- Antique applications are achievable with liver of sulfur (tumble polishing recommended prior blackening).

All Sterilite products are available in blended sterling or base metal alloy. The 250 blend is also available in sheet and wire with excellent workability properties.

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