

# Sagittite®

## What is Sagittite?

The **Sagittite®** range of materials is derived from a high grade nickelbased alloy containing a varying percentage of cermet/carbide and/or intermetallic particulates.

**Sagittite®** provides extremely high wear and corrosion resistant properties.

Produced by the powder metallurgy route utilising the Hot Isostatic Pressing process.

Can be produced to 'near nett shapes' with a denser homogenous composition than traditional forging processes.

**Sagittite®** was researched and developed over many years by Geoff Archer, an authority on high performance metals.



## What are its applications?

The **Sagittite®** range of materials was specifically created for food, pharmaceutical and industrial extruders, and the petrochemical industry; but is equally suitable for other industrial applications including automotive, defense, medical etc.

## What are the benefits of Sagittite?

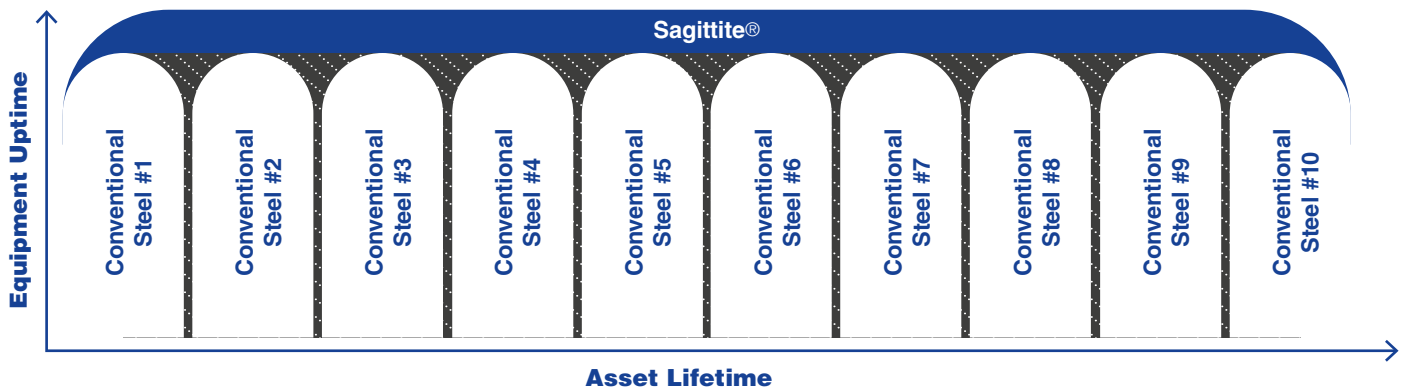
Saves money - Typical 5 X ROI vs. conventional alternatives

Increases longevity - Typically 10 X conventional alternatives

Enhances productivity - Less downtime and higher OEE

Improves process control - More predictable and stable

 Potential Downtime Saving



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## What are the features of Sagittite?

- Sagittite®** is a world leading product targeted at optimising operating performance.
- Sagittite®** is a nickel based metal matrix composite available in several grades which are tailored to suit individual wear and corrosion environments.
- Sagittite®** is available for both single and twin screw extruder barrels as well as extruder screws and other movable parts on these machines and other equipment.
- Sagittite®** is manufactured using a unique powder metallurgy process which forms a hard, corrosive resistant product with the capability of operating at temperatures significantly higher than standard conventional materials.
- Sagittite®** can be produced as a monolithic component and diffusion bonded as a thick functionally structured layer to deliver optimal extruder performance



## Want to find out more?

Contact us by email or telephone to discuss your needs.  
**enquiries@accura.co.uk** or call **+44(0)1902 456333**