



START WITH THE RIGHT MATERIALS RELY ON A PERFECT FINISH

METAL POWDERS FOR COLD SPRAY APPLICATIONS



ARE ALL METAL POWDERS OPTIMIZED FOR COLD SPRAYING?

NO, BUT OURS ARE!

When it comes to controlling fine particles to produce powders with superior coating properties for cold spraying, many powder manufacturers do not possess sufficient know-how. At Sandvik Osprey, we do!

Metallurgy is our field of expertise. When it comes to manufacturing the particle size ranges required for cold spray applications, we have an unmatched capability.

IMPROVE YOUR PROCESS AND REDUCE COSTS

You can achieve high deposition efficiency, an optimum surface finish, and lower production costs by choosing our gas atomized metal powders, which have a low oxygen content and narrow particle size distribution.

TAILORED PARTICLE SIZE DISTRIBUTIONS

We offer gas atomized metal powders with size distributions of copper tailored to the particular requirements of the end-application, both in terms of mechanical performance and surface finish. Our products include copper powder with 500 ppm max. oxygen, stainless steels and other alloys to optimize cold spray coating properties.

THE FLOW AND CONSISTENCY YOU NEED

Thanks to their spherical morphology, our gas atomized metal powders for cold spray applications offer excellent flow characteristics. They are also consistent, offering precisely the same quality and particle size distribution at all times – within each batch, and from batch to batch.

For your operation this all adds up to metal powders with excellent coating properties that provide a superior surface finish. It doesn't get better than this!

WHATEVER YOU NEED – WE HAVE IT, JUST ASK US

Let a broad product range be your inspiration. Our comprehensive range of gas atomized metal powders for cold spray applications applications, includes:

- Pure copper
- Binary alloys
- Stainless steels
- Ni base alloys
- Low alloy steels
- Cobalt alloys
- Other alloys on request

WE SUPPLY THE QUALITY YOU NEED

Gas atomized metal powders are available in a wide range of particle size distributions from 5µm to 45µm powder particle diameters. They are manufactured using proprietary technology and available in a wide range of standard and customized alloys to comply with ISO 9001, ISO 14001 and OHSAS 18001.

YOUR SUCCESS IS OUR BUSINESS

We are a responsive, flexible, and reliable partner. When you choose our products, our experienced staff listen to your needs and do everything they can to give you the most efficient service and technical support





possible. Working in partnership with you we can help you achieve end-products with the highest quality and value...and sustainability for your business.

WE SPEAK YOUR LANGUAGE

Contact us. With sales offices in all regions there is always a Sandvik representative close to you. Let us help you today.

Recommendations are for guidance only, and the suitability of a material for a specific application can only be advised when the actual service conditions are known. Continuous development may necessitate changes in the technical data without notice.



