

Aerodag® CERAMISHIELD™

Formerly known as PULVE BN D 60 A



Aerodag® CERAMISHIELD™

Can help you:

- Increase your revenue/production by 5-10%
- Reduce your consumable costs by 70%
- Eliminate your capital cleaning equipment costs

All this for just pennies per welding shift!

MIG/MAG

SPOT WELDING

LASER/PLASMA

MIG/MAG



Aerodag® CERAMISHIELD™ is a new generation ceramic dry film protective coating for all your MIG/MAG welding processes. In contrast to traditional “anti-spatter” products, which only protect the item you are welding, **Aerodag® CERAMISHIELD™** protects your valuable welding equipment and helps improve your productivity. Just one application of **Aerodag® CERAMISHIELD™** before a typical eight-hour shift, will help you:

- Save money.
- Save time and improve productivity.
- Achieve a cleaner welding process.

Just one application of this silicone-free coating will provide exceptional long-term protection that could last an entire eight-hour shift without the need for re-application. When applying **Aerodag® CERAMISHIELD™**, you will notice that the coating is dry within seconds. Once the welding process begins, the coating will harden on the equipment surface. This provides a ceramic shield that repels the spatter immediately, ensuring continuous uninterrupted welding for long periods.

Read on to learn about the benefits **Aerodag® CERAMISHIELD™** can bring to your application.



Manual MIG/MAG Welding

Improve productivity and save time

The advanced formulation of **Aerodag® CERAMISHIELD™** ensures that weld spatter does not adhere to tips or shrouds, which means that the welding process does not need to be interrupted to clean the tips and shrouds increasing productivity.

Save money

The physical and thermal protection offered to welding tips and shrouds by **Aerodag® CERAMISHIELD™** means that they typically last four or five times longer. This can result in significant annual cost savings.

Cleaner welding

Because the shroud stays free from spatter and the gas stream remains continuous, you achieve a perfect weld every time.

Robot MIG/MAG Welding

Using **Aerodag® CERAMISHIELD™** in Robot Welding applications offers you all the benefits outlined above for automatic and semi-automatic MIG/MAG welding process. However, there are additional benefits as well.

Save on capital investment and consumables

Aerodag® CERAMISHIELD™ allows you to eliminate any reaming process you currently use to remove spatter from the shroud and contact tip. As a result, capital investment for expensive reaming/cleaning stations will no longer be required and “anti-spatter” fluid will no longer need to be purchased for the system. In addition, **Aerodag® CERAMISHIELD™** will significantly decrease the wear on shrouds and contact tips, saving you money on replacement consumable costs.

Increase your revenue

All the downtime previously associated with the reaming process can now be used for production. Your robots can now weld continuously, increasing your productivity and therefore your revenue.

Jigs, fixtures and fittings

Reduce labour costs

When applied to your jigs, fixtures and fittings, **Aerodag® CERAMISHIELD™** forms a shield ensuring spatter does not adhere to the surfaces. This eradicates the labour-intensive procedures of removing the spatter at the end of a shift and costly chemical methods of spatter removal. The spatter can simply be swept up with a soft brush and no surface cleaning is required.

Boost productivity

Time previously consumed by the manual process of spatter removal can now be devoted to production, significantly boosting your productivity.

As well as the jigs, fixtures and fittings, **Aerodag® CERAMISHIELD™** can also be used to protect electronic cables, sensors, clamps, metal parts and the jaws of spot-welding equipment, where adhering spatter is a continuous problem. A single coating of **Aerodag® CERAMISHIELD™** could offer protection for one week in these applications.

Laser and Plasma Cutting Machines

Laser and plasma shrouds are particularly sensitive to spatter, which can disrupt the continuous production process. A thin protective film of **Aerodag® CERAMISHIELD™** offers protection without impeding the normal functioning of the equipment.

Save money

The physical and thermal protection offered to shrouds by **Aerodag® CERAMISHIELD™** means that they typically last four to five times longer, offering considerable cost savings.

Save time and improve productivity

More reliable continuous production with less downtime improves productivity.



SPOT WELDING



Ask for your demonstration now!

A full **Aerodag® CERAMISHIELD™** demonstration can be organised through your nearest Acheson office or local distributor, shown on the back of this brochure. The demonstration explains how to apply **Aerodag® CERAMISHIELD™** and includes a simple-to-use cost saving/revenue generation calculator.

The difference between a nozzle with **Aerodag® CERAMISHIELD™** and nozzles treated with a competitive protective coating.



LASER/PLASMA

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