



MAKING YOUR MARK ON METAL

A guide to the right marking tools to use for identifying products and work pieces

THERE ARE MANY applications in the metal working industry which require items to be identified and a range of products is available to meet these varying needs.

PAINT MARKER OR PERMANENT INK MARKER?

Both can be used on a wide range of surfaces with permanent ink markers generally being faster-drying and inexpensive, but ink will tend to fade in direct sunlight and cleaning solvents will remove them easily.

Paint markers have a far greater resistance to atmospheric conditions and are more difficult to remove, even when solvents come into contact with them. This makes them the ideal choice for long-term marking applications.

INTRICATE MARKING

For small parts or when intricate shapes are needed, a marker with a fine nib should be selected, such as the Squeeze Marker with its durable metal nib for controlled paint delivery, allowing elaborate, detailed marking.

GENERAL-PURPOSE MARKING

For general-purpose marking applications, a pump-action paint marker is ideal. Fitted with a rubber grip handle, it can be used

while a welding gauntlet is worn. Its pump-action tip optimises paint flow and produces clear, crisp-markings, making this an ideal marker for everyday application. The fibre tip is reversible to maximise the life span of the marker, and tips can be replaced if the tip should be damaged before all paint is expelled.

LARGE-SCALE MARKING

When larger areas need to be marked, a large tipped marker should be selected, such as the Jumbo Marker which uses a 14mm-wide felt tip, with paint dispensed using a pump action for accurate application. In addition to the permanent Jumbo Marker, there is also a white removable version using the same wide nib and pump action but for use when the marking required is to be removed after use.

GALVANIZED STEEL

For parts that will be galvanized as part of the manufacturing process, a Metal-Pro marker can be used. This offers the same benefits as a pump-action paint marker but markings do not need to be removed before dipping in the galvanizing tank. The paint simply dissolves, leaving no visible signs after the galvanising process.

METALS WITH OILY SURFACES

When marking metals that are coated in oil, you will require the use of a marker with a trace of solvent in the paint mixture. This eliminates the bleeding of the paint in oil upon application. The Weldability Bottle Paint Marker is suitable for these and it features a metal roller nib where paint is delivered via a squeeze action. This results in precise marking with the optimum amount of paint used.

For further details, contact Weldability Sif on tel: +44 (0)845 130 7757 or email: training@weldability-sif.com



sif tips



Technical advice in the original SifTips style was started in 1932. 'Sifbronzing' is an almost universally recognised way of describing the low temperature bronze welding of sheet steel, cast iron and other metals. This explains why Sifbronze, the company which first developed and promoted the technique, is generally considered to be a supplier of high quality welding rods, wires, fluxes and equipment.

'Will the Welder' was a SifTips magazine that was produced in the early 1930s. The aim was to provide users with ideas and tips on how to get the most out of their welding equipment.

Sif is renowned for its UK manufacturing heritage as well as its complete range of quality welding consumables used globally for almost a century.

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