



PLASMIT

Protecting Torches
since 1988

www.plasmit.com

GAS SAVER SYSTEM from WA Technology

Save 25% - 50% + of MIG Shielding Gas *And* Improve Weld Start Quality

A MAJOR CAUSE OF GAS WASTE

- Gas pressure required at the torch during flow (welding) is 3-5 psi, which provides proper gas shielding. When welding is stopped, solenoid on feeder is closed. Pressure then builds up inside the hose to the pressure of the flowmeter-regulator, typically 35 to 80 psi, until the gas hose volume is filled to that pressure. When next weld is started, there is a rush of gas as the hose relieves the pressure. This rush of gas is wasted, and furthermore, the flow can be high enough to cause start defects.
- Gas hoses are typically 1/4 inch diameter. The GSS gas saver hose is 1/8 diameter. The volume in the GSS hose is 55% less than 3/16 hose and 75% less than 1/4 hose. That volume reduction is saved every time the trigger is pulled.
- A higher gas flow is needed to purge at the weld start. The GSS hose supplies enough gas, and in addition, a flow restrictor allows a higher starting flowrate for a longer period, improving the weld start.

Benefits

- Major shielding gas savings, saves money
- Improved weld starts, reducing defects
- Heavy wall hose reduces moisture in long hose systems



GSS hose volume 75% less than 1/4 hose

15 ft GSS with B fittings

Specifications

- Heavy wall fibre reinforced hose resists kinking and crushing, ensuring stable gas flow.
- CGA- B fittings supplied standard, other fittings and adaptors available

Ordering information: GSS available in various lengths. See www.plasmit.com for further information

Part Number	Description
FB3	GSS; 3 foot Fitted hose with "B" Fittings already installed
FB4	GSS; 4 foot Fitted hose with "B" Fittings already installed
FB6	GSS; 6 foot Fitted hose with "B" Fittings already installed
FB12	GSS; 12 foot Fitted hose with "B" Fittings already installed
FB25	GSS; 25 foot Fitted hose with "B" Fittings already installed
SFIT-4	Adapter: if you don't have B fittings. This 1/4" Barb to Female CGA "B" converts your feeder to standard "B". See Photo C1 below.
PFM	Portable Shielding Gas Flowmeter; reads 10 to 45 CFH, has large base opening



PLASMIT Online
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Available Online and from welding distributors throughout North America