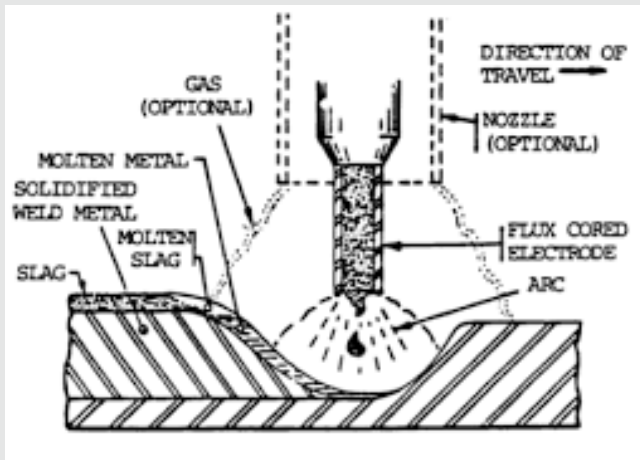




# Electrode Technical Information

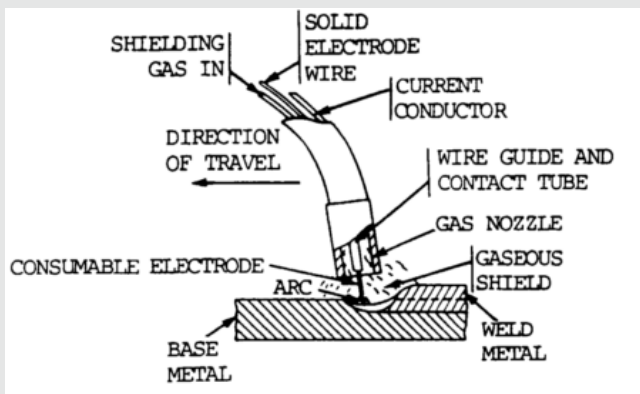
blume® intends to advance the welding industry and bring to you new and effective solutions. blume® is dedicated to contributing the technology, know how and adherence to quality, which is vital to keep up with a growing industry.

**Whatever the job, whatever the challenge, blume® is always here to assist you in selecting the right welding consumables for your desired application.**



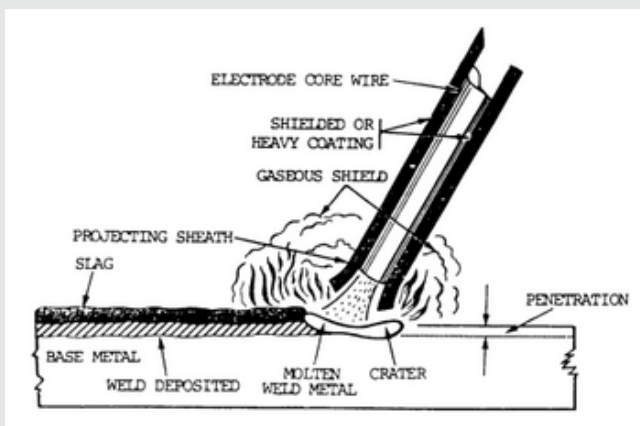
## Flux-Cored Arc Welding (FCAW)

- Heats metals with an arc between a continuous flux filled electrode and the base metal.
- The electrode contains core components that may contribute some or all of the shielding gas required.
- Can be administered semi-automatically or automatically.



## Gas Metal Arc Welding (GMAW)

- Heats metals using solid, continuous consumable electrode.
- Molten weld metal is safeguarded by the use of externally supplied gas or gas mixture.
- Can be administered semi-automatically or automatically.



## Shielded Metal Arc Welding (SMAW)

- Heats metals with an arc between a consumable metal electrode and the base metal.
- Obtains shield from atomisation of the electrode coating, which is made of flux and binder liquid.
- Can be administered manually.

