

Welding Process Cheat Sheet

Ironridge Supply Co. | www.ironridgesupply.info

Criteria	MIG	TIG	Stick
Ease of Use	Beginner-friendly	Advanced skill required	Moderate learning curve
Weld Quality	Clean, consistent	Highest precision	Good for heavy-duty jobs
Speed	Fast	Slower	Moderate
Material Condition	Clean only	Clean only	Dirty/rusty ok
Portability	Moderate (needs gas)	Moderate (needs gas)	High (no gas needed)
Best Applications	Auto, fabrication	Aerospace, stainless	Construction, repair
Shielding Gas	Yes (C25, argon mix)	Yes (pure argon)	No (flux coating)
Filler Type	Wire-fed	Manual rod	Electrode
Cleanup	Minimal	Minimal	Slag removal required