

argon orbital diagram

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Argon vs CO2 for MiG welding

It is much cheaper and you get about 178 cubic feet of gas from a 20 lb CO2 cylinder which is actually smaller in size than an 80 cu ft 75/25 cylinder. In addition virtually all MIG guns have a higher duty cycle on pure CO2 vs an argon mix.

carry argon tanks, upright vs 'prone' - weldingweb.com

need to get my argon tanks filled. I realize there are probably safety and legal reasons for carrying tanks upright (and possibly other reasons as well), but I'd *like* to leave those aside for the moment, and simply ask THIS: is it 'bad for' the argon (or argon gas mixtures) IN the tanks to...

Tank pressures - what's normal? | WeldingWeb - Welding Community for ...

Argon and C25 are just about only used for welding so those probably would need to be imported. Even scuba tank compressors could fill CO2 welding tanks if you have a source to generate CO2 gas.

How long does Argon last? | WeldingWeb - Welding Community for pros and ...

Argon in a tank is a gas and it last at the rate you use it in cfh (cubic feet per hour). when it gone it's gone. Carbon dioxide is a liquid in the tank and it changes (vaporizes) to a gas as you use it until all the liquid is gone.

Anything special to TIG weld aluminized steel?

I am going to be doing intercooler pipes out of aluminum mild steel - anything I need to know when joining to pipes together? TIG welder using 2% thoriated I have straight argon as well as Argon w/ CO2.

Flux-Core Wire AND Argon?? - weldingweb.com

Therefore, I anticipate using the same Argon shielding gas with both welders. Anyway, I've previously used the MIG welder solely with flux-core wire and I have a lot left on the spool.

any trouble getting argon cylinders refilled? | WeldingWeb - Welding ...

Hi folks, I recently bought a very large argon tank from a local car shop with an Airgas sticker on it. The owner said it used to be a lease, will this keep me from getting it refilled at a local Airgas or do I

have to take it to a smaller LWS? Also, how can I read the stamping on the...

How low do let your argon tank go before refill? - WeldingWeb

I noticed that my argon bottle is nearing the end of its supply. It is approximately 4ft tall (don't know what size of CF it is.) How low do you let yours get? I would assume it isn't wise to let your own bottles run till empty. Is this the case? I saw some threads on acetelyne bottles but wasn't sure if this is the case for argon.

A couple questions on gas for mig welding stainless

Re: A couple questions on gas for mig welding stainless No O2 or CO2 in the mix when doing aluminum! Pure argon, or argon-helium mix, for use on aluminum.

Purging Argon line when done welding

Purging Argon line when done welding I was told that I need to purge the argon/co2 line when I am done welding. The line I am talking about is the hose that goes in between the regulator and the welder itself. Why do we need to purge this air line? I thought Argon and CO2 are inert gases?