

Arcaloy 436

Application

- Arcaloy 436 is composed with 17% Cr and more excellent resistance to intergranular corrosion than Arcaloy 409Ti. So that, it is very useful to welding of front pipe, flexible pipe, center pipe, tail pipe in car muffler stainless steel.
- It has excellent weldability, and good slag removal.

Flux
CORED
WIRES

Wire Dia.	Optimum Parameters		Operating Range	
	Amperes	Volts	Amperes	Volts
0.045"	240	27~28	200~275	24~30
0.052"	270	29~30	225~300	26~32

Typical Mechanical Properties of All Weld Metal

Yield Point N/mm ² {kgf/mm ² }	Elongation (%)	PWHT
392 {40}	15	850 °C x 2hrs

Typical Undiluted Weld Metal Analysis %

C	Mn	Si	P	S	Cr	Mo	Cu	Ti
0.023	0.45	0.32	0.011	0.007	16.7	0.92	0.02	0.62

