



MIG-308L

For MIG Welding of Low Carbon 18%Cr-8%Ni Stainless Steel

AWS A5.9 ER308L

CHARACTERISTICS

WELDMAXX MIG-308L is stainless steel gas metal arc welding (GMAW) or MIG wire to be used for low carbon 18%Cr-8% SUS304L steel. Deposited metal shows excellent resistance intercrystalline corrosion due to its extremely low carbon content.

APPLICATIONS

For welding of stainless steel manufactured automobile parts, chemical engineering, textile and power plants.

TYPICAL CHEMICAL COMPOSITION OF WELD METAL (%)

Shield Gas: AR

C	Si	Mn	P	S	Cr	Ni	Mo
0.019	0.57	1.79	0.019	0.009	20.11	10.41	0.015

TYPICAL MECHANICAL PROPERTY OF WELD METAL

Shield Gas: AR

Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (%)	Impact Value (J)
520	645	36	