

WELDING WIRE

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Application : Welding of stainless steel

Chemical Composition

Spec.	C	Si	Mn	P	S	Ni	Cr	Mo
AISI Y308/ER308	Max 0.08	0.30 ~ 0.65	1.0 ~ 2.5	Max 0.03	Max 0.03	9.0 ~ 11.0	19.5 ~ 22.0	Max 0.75
AISI Y308L/ER308L	Max 0.03	0.30 ~ 0.65	1.0 ~ 2.5	Max 0.03	Max 0.03	9.0 ~ 11.0	19.5 ~ 22.0	Max 0.75
AISI Y309/ER309	Max 0.12	0.30 ~ 0.65	1.0 ~ 2.5	Max 0.03	Max 0.03	12.0 ~ 14.0	23.0 ~ 25.0	Max 0.75
AISI Y316/ER316	Max 0.08	0.30 ~ 0.65	1.0 ~ 2.5	Max 0.03	Max 0.03	11.0 ~ 14.0	18.0 ~ 20.0	2.0 ~ 3.0
AISI Y316L/ER316L	Max 0.03	0.30 ~ 0.65	1.0 ~ 2.5	Max 0.03	Max 0.03	11.0 ~ 14.0	18.0 ~ 20.0	2.0 ~ 3.0

Mechanical Properties and Packing Type

Dia. (mm)	Tolerance (mm)	T/S (N/mm ²)	Length (mm)	Packing Type
1.6				
2.0				
2.4				
2.6	± 0.05	740 ~ 1080	1000 (-0, +10)	5kg / Plastic Tube
3.2				
4.0				