

M-430

AWS ER430
JIS Y430

FOR STAINLESS STEEL

Typical applications

Welding of ferrite stainless alloys of the 17%Cr types (AISI 430, dissimilar steels)
It is suitable for automotive exhaust fabricators such as front pipe, bellows, flange.

Typical chemical composition of wire (%)

C	Si	Mn	Ni	Cr
0.02	0.33	0.44	-	16.60

Typical mechanical properties of all-weld-metal

Shielding Gas	T · S N/mm ² {kgf/mm ² }	EI (%)	Remark
Ar+2%O ₂	510 {52}	35	PWHT:745°C x1hr

Package

Dia. (mm)	0.8	0.9	1.0	1.2	1.4	1.6
Spool. (kg)	5, 12.5, 20					
Pailpack.(kg)	200, 250			200, 250, 300		

Approved by