

Description and Application

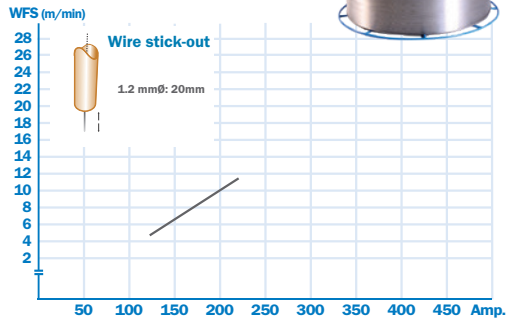
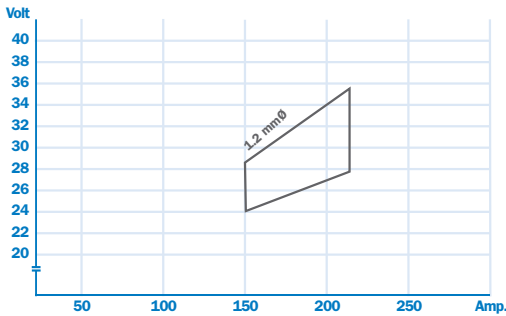
DW-N82 is a nickel based flux cored wire for welding alloy 600, 800.

DW-N82 is recommended for a variety of applications, including overlay welding of carbon steels or low alloy steels and a wide variety of dissimilar metal joints.

This wire is specially designed for applications demanding that the iron content must be below 1% Fe.



Recommended Parameter Range, for flat position



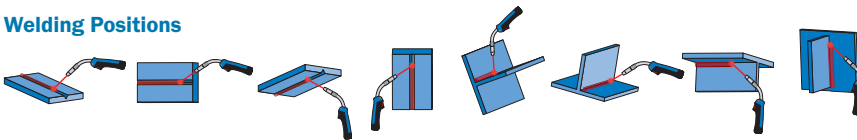
Typical Chemical Analysis (wt. %)

C	Si	Mn	P	S	Cu	Ni	Cr	Mo	Fe	Nb+Ta	Ti	Co	W	V
0.02	0.20	3.0	<0.01	0.003	<0.01	71.4	21.1	-	0.8	2.5	0.17	-	-	-

Typical Mechanical Properties

	R _e (MPa)	R _m (MPa)	A ₅ (%)	CV(J)0°C	CV(J)-196°C
Guaranty	394	781	44	132	125
	min.360	min.550	min.25		

Welding Positions



Approvals

LR	DNV GL	BV	ABS	R.M.R.S	Others
-	-	-	-	-	-