

PREMIARC™ DW-307

80%Ar - 20%CO₂

EN ISO 17633-A T 18 8 Mn R M 3

1.4370

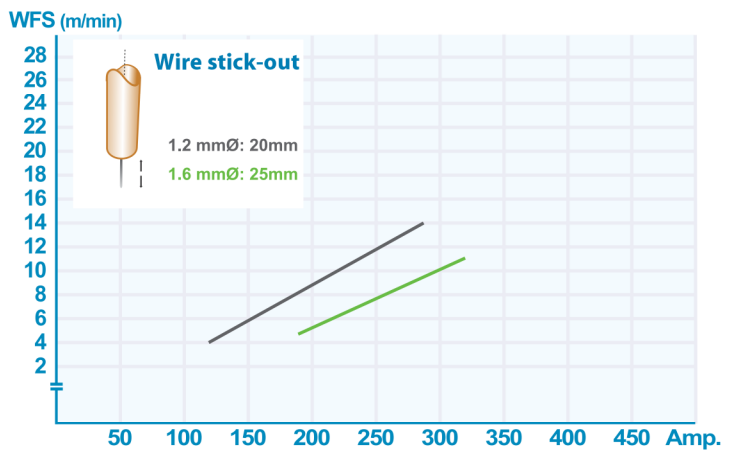
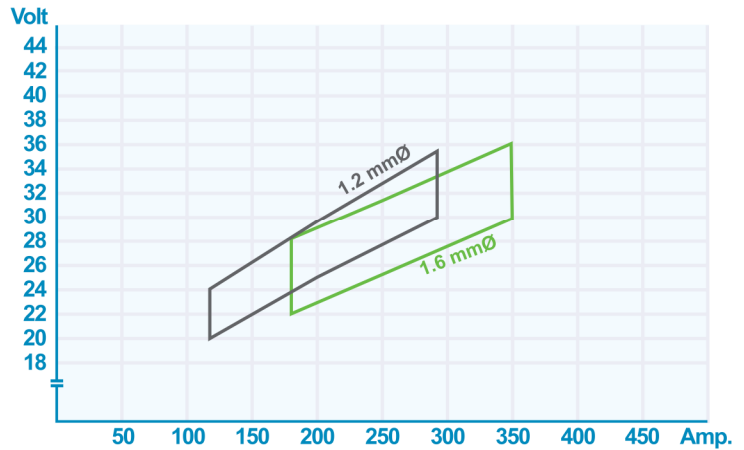
Description and Application

This is a rutile cored wire which operates with a very stable, spatter free arc to produce a bright, smooth weld bead surface with a self releasing slag.

PREMIARC™ DW-307 was specially developed for difficult to weld steels such as austenitic high manganese steels.

PREMIARC™ DW-307 is suitable for dissimilar weld joints and is often used for buffer layers in hardfacing applications.

Recommended Parameter Range, for flat position



Typical Chemical Analysis (wt. %)

C	Si	Mn	P	S	Ni	Cr	Mo	N	Nb	FS	FN	FNW
0.07	0.60	6.4	0.02	0.008	8.1	19.2	-	-	-	1.6	3.3	9.1

Typical Mechanical Properties

	R _e (MPa)	R _m (MPa)	A ₅ (%)	CV (J)	°C
Guarantee	393	583	41	48	0
	min.350	min.500	min.25		

Welding Positions



Approvals

LR	DNV	BV	GL	ABS	R.M.R.S	Others
-	-	-	4370S	-	-	TÜV,DB