

# GEESAW 625



CLASSIFICATION :AWS/SFA-5.14 ER NiCrMo3 BS 2901-90 NA43

## CHARACTERISTICS :

Solid nickel-base wire to match “ 625 “ type alloys with widespread applications. The wire gives a strong tough corrosion and heat resistant deposit. The wire is recommended to be used along with Geeflux 800.

## COMPOSITION OF THE WIRE(RANGE) %

C	Mn	Si	Cr	Nb
0.05 max	0.50 max	0.50 max	20-23	3.15- 4.15
Ti	Fe	Ni	Mo	S
0.40 max	3.0 max	60 min	8-10	0.015 max
P	Cu	Al		
0.015 max	0.50 max	0.40 max		

## MECHANICAL PROPERTIES

Tensile Strength MPa	Yield Stress Mpa	Elongation (%) (L=4D)
760 min	510 min	30 min

## APPLICATION :

- Use for general purpose welding high nickel alloys for furnace parts
- Use for cladding overlays, pumps, valves joining faces in off-shore and marine environments.

## CORROSION RESISTANCE :

Very good resistance to general and intergranular corrosion. Maximum resistance to pitting corrosion crevice corrosion and stress corrosion cracking in chloride bearing environments.

## PACKING DATA

SIZE (MM)	Supplied on
1.6	25 kg spool
2.00	25 kg spool
2.50	25 kg spool
3.15/3.20	25 kg spool