

Swastik Weld Make Welding Wire GMAW/GTAW (MIG, TIG & Electrodes) for

Cobalt Base Alloy Stellite Wire

I) ER CoCr-C CLASSIFICATION: AWS A/SFA 5.21

Chemical Composition of ER CoCr-C Wire (Stellite 1)

C= 2.1

Mn= 0.8

Si= 1.0

Cr= 30

Fr= 4

Mo= 1

Ni= 3

W= 12.5

Co= Bal.



MECHANICAL PROPERTIES OF ALL WELD METAL :

UTS, Mpa= 80, 000 PSI

Hardness= 48-54 HRC

KEY FEATURES :

Stellite 1 (Cobalt Alloy 1) is an excellent high temperature wear resistance alloy, consisting of a rich cobalt matrix with a high degree of chromium and tungsten carbides. This alloy is excellent when used in high temperature abrasive wear applications. It can also be specified in a number of different corrosive media such as down hole sour gas applications.

TYPICAL APPLICATION OF ER NiCr-C WIRE (Stellite 1).

PolyStel 1 has found acceptance in a number of applications where galling, abrasion and corrosion are a problem. Applications include shaft sleeves, bushings, hot metal working rolls, bearings in rock bits, and seaming rolls for beverage cans. It should be noted that it is very difficult to put this hardfacing down on large areas crack free. Minor cross checking on large components should be expected.

Packing: Tig: In cut length of 1000mm in 5kgs boxes (size: 1.6, 2.0, 2.40, 3.15mm)

Mig: Continuous wire in 12.5kgs / 15kgs Plastic Spool (size: 0.80, 1.2mm)

Works: Gala No. 19, Syndicate Indl. Complex, Near Golani Naka, Near Bank of Maharashtra, Wallive Road, Vasai (E), Dist. Thane - 401 208.

Email: swastikweld@gmail.com

Mobile: +91 9321434296, www.swastikweld.com