

CORODUR[®] 4015

CLASSIFICATION:

DIN EN 14700
T Fe7
Alloy-No. 1.4015
AWS-No. 430

GENERAL CHARACTERISTICS:

The tough and corrosion resistant overlay is well suited for parts that encounter wear from sea water plant and power plant operation. This acid corrosion resistance wire has a 17 % Cr content which forms the wearing analysis with a low Carbon content of 0,1%. The weld parameters should be chosen with a low heat input as possible due to coarse grain formation in 17% Cr- alloys.

APPLICATION:

Bridge bearings, sealing surfaces for service temperatures up to 450°C, corrosion slide ring sealing, roller bearings, valves, continuous casting rolls, Cr- alloying buffer layers.

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Cr	Fe
0,1	17,0	bal.

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 220 – 240 HB

PARAMETER:

Diameter	Voltage	Amps
1,2	20 - 24	150 - 200
1,6	22 - 26	180 - 240
2,0	25 - 27	220 - 260
2,4	25 - 27	260 - 300
2,8	26 - 28	280 - 340

FORMS OF DELIVERY:

Coil "BS 300" = 15 kg | Coil "BS 450" = 25 kg | Drums = 300 kg

OA = gasless, G = gas shielded, SA = Submerged Arc