

CORODUR® 55

CORODUR® 55 is a tubular wire which deposits a high Cr-, C- alloyed stainless weld metal with excellent resistance to abrasion and medium impact. It can be used whenever high abrasion is expected. Best results are achieved by welding in two layers. A maximum deposit

thickness of 10 mm is recommended. Before overlaying on old previously hard faced surfaces a buffering layer of CORODUR® 200 K or CORODUR® 250 K is recommended. CORODUR® 55 is a self-shielded open-arc wire.



Pumps, mixer parts, conveyer screws.

TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

C	Si	Mn	Cr
4,8	1,2	0,6	29,0

Hardness HRc	55-59
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ABRASION RESISTANT APPLICATIONS

PARAMETER

Diameter	Voltage	Amps
1,2	20-25	140-240
1,6	22-27	180-300
2	24-28	220-350
2,4	26-30	240-360
2,8	27-30	320-420

Other Dimensions on demand

FORMS OF DELIVERY

Unit	Weight
Coil BS 300	15 kg
Coil B 450	25 kg
Drums	300 kg

G = Gas shielded, OA = Open Arc, SA = Submerged Arc