

Technical data sheet

011121MBA

Cored thermal spray wire

HARDSPRAY STEL1-TS**CLASSIFICATION**

EN ISO 14919: NA

DESCRIPTION

- Metal cored wire specifically designed for thermal spray with the twin wire arc spray process.
- Produces dense, low oxide containing and tight deposits.
- Resistant to corrosion.
- Low shrinkage.
- Low friction coefficient.

APPLICATIONS

- Ball valves for the paper, chemical, petrochemical and offshore industries.
- Sealing and bearing areas on pumps and valves.

TYPICAL DEPOSIT ANALYSIS

C	Mn	Si	Cr	W	Fe	Co
2.30	1.00	1.00	28.5	12.0	4.00	Bal.

TYPICAL DEPOSIT PROPERTIESHardness after spraying: up to 570 HV₁₀ (according to the spraying parameters)**OPERATING CONDITIONS**

Typical (other parameters depending on the equipment): 31V/150A, spraying distance: 75-100mm

STANDARD DIAMETERS (mm)

1.6

Other diameters: please consult us

PACKAGING

Diameter	1.6 mm	
Spool type	Plastic BS 300	Plastic R 392
Weight	15 kg	25 kg

Other packaging: please consult us