

high
performance
in motion

senior
FLEXONICS

Industrial Engineering || Land Vehicles and Engines || Power Generation || HVAC

Flexible systems for iron and steel technology

For more than 100 years Senior Flexonics GmbH designs and develops customized flexible hose and expansion joint systems as well as bellows for steel production and mineral processing.

Our reliable TUBOFLEX®-Oxygen-Lance / Water Hoses made from standard austenitic steels can handle critical media under pressure and continuous movement. Since the eighties they are installed world-wide in steel plants and are operating successfully.



Flexible systems for iron and steel technology

Benefits

- Proven design
- Heat and fire resistant
- High life span (12.000 cycles)
- Maintenance free
- Aging resistant

Performance data*

Size

NB 100 up to NB 300

Pressure

Up to 25 bar

Temperature

20° C to 100° C

Medium

- Oxygen
- Water

Materials

S/S AISI 321, S/S AISI 316 Ti

Special equipment

- Outside glass fiber insulation
- Support flanges
- SMS disconnect quick coupling

*Further operational conditions and requirements upon customer's request

Design of lance hose



Inside liner hose
for optimized flow

Inside corrugated metal hose

External pressure
resistant wire braiding

Outside mechanical
protection hose



Senior Flexonics GmbH

Frankfurter Str. 199 | 34121 Kassel | Germany
Tel.: +49 561 2002-0 | www.seniorflexonics.de