



www.safina.cz

About us

SAFINA, a.s. is a company with a comprehensive manufacturing program of processing and production of precious and non ferrous metal products including their recycling. SAFINA has a long-lasting tradition which dates back to 1860. Since 1992, SAFINA, a.s. has been a private company and has maintained its dominant position primarily on the European market. The company constantly focuses on the improvement of its existing manufacturing processes, as well as on the development of new production programs and technological advances.

Products for glass industry are mostly produced to order according to customer provided requirements. The most commonly used materials are PtRh10 and PtRh20 alloys. SAFINA, a.s. provides comprehensive service to delivered products at the company headquarters or, if possible, directly with the customer.



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SAFINA, a.s.
Vítěňská 104, 252 50 Vestec
Czech Republic



www.safina.cz

tel.: +420 241 024 272
e-mail: sales@safina.cz

Platinum Products for Glass Industry

Platinum Products for Glass Industry

Products

- ◆ Homogenizers
- ◆ Outflow devices
- ◆ Bubbling jets
- ◆ Stirrers
- ◆ Thermowells
- ◆ Bushings
- ◆ Plungers and more



Thermocouples

Certificated

- ◆ CMI (Czech Metrology Institute) according to DIN EN ISO/ IEC 17025:2005.
- ◆ EN 60584
- ◆ ASTM E230

Manufactured wires are available in diameters ranging from 0,04 mm to 2,0 mm. Wire with square dimensions of 4x4 mm and 5x5 mm are also available.

The calibration laboratory for calibration of thermocouples uses two methods:

- ◆ **Method at fixed points** of Zn (419,53°C), Al (660,23°C), Au (1064,18°C), and Pd (1553,50°C), certificate included
- ◆ **Comparative method**



Coated Ceramics

Products

- ◆ Thermocouple wells
- ◆ Plungers
- ◆ Stirrers
- ◆ Parts of Feeder
- ◆ Outflow rings

We offer thermal sprayed platinum either as a package based on approved drawing including ceramics or ceramics are provided by the customer. Coating thickness usually vary between 200 and 500 µm according to the application, or customer requirements. Platinum layers produced by technology of thermal spraying enable the protection of ceramics and prolonging its life.



Laboratory Equipment

High quality laboratory equipment and instruments from Pt, Ir, Rh, Au, Ag and their alloys are indispensable implements in the laboratories and operations of the chemical, metallurgical, glass and ceramic industry. SAFINA offers possibility to modify the existing product or to produce the product to order according to the customer's wishes by mutual agreement and according to the technical documentation delivered by the customer.



Platinum wires

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About Refining

Trustworthy, fair and transparent – the partner you can count on for precious metals refining

SAFINA's refining facilities deliver the highest purity precious metals recovered from a wide range of feed materials. The main objective of the Refining is to offer our customers a professional, tailor-made service (the characteristics of the material determine the choice of treatment after homogenization) with state of the art evaluation methods, equipments, professional attitude and maximum transparency.

