

Profile & Spike Thermocouples

For the semiconductor industry

BASF has long been a leading supplier of thermocouples to the semiconductor industry. We offer profile and spike thermocouples for all major furnaces including Tel, Kokusai, ASML, ASM, and others. As the precious metal experts, we help our customers to be more successful.

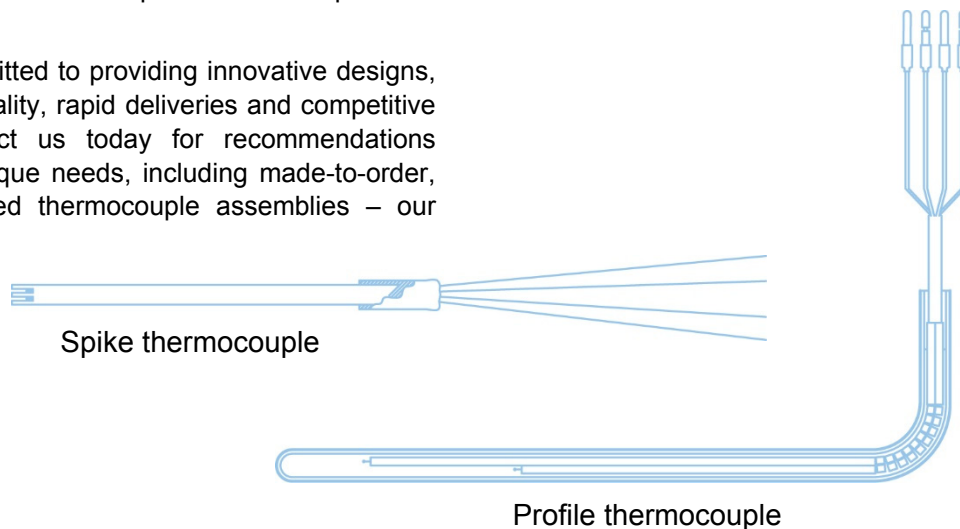
In our state-of-the-art production facilities, we take extraordinary care to ensure that every instrument is manufactured with the highest degree of quality. Instruments are tested and calibrated against exacting standards, before they leave our ISO certified factory.

BASF expertise in high temperature thermocouples derives from products we have provided to the major semiconductor manufacturers all around the world, and our vast experience with precious metals.

BASF is committed to providing innovative designs, exceptional quality, rapid deliveries and competitive pricing. Contact us today for recommendations about your unique needs, including made-to-order, custom-designed thermocouple assemblies – our specialty.

Features and benefits

- Designed to OEM specifications for all major furnaces including Tel, Kokusai, ASML, ASM, and others
- SWAP program for profile thermocouples
- Precious metal recovery services
- ISO 9001:2000 certified factory
- Calibration report traceable to NIST standards



Precious metals expertise

Metals – particularly those in the Platinum group – are critical components of many products made by BASF such as contact thermocouples. Ensuring that those raw materials are where they need to be, when they need to be there, in the form they need to be and at the lowest possible cost is what BASF's

Precious and Base Metal Services group is all about. Given our unique understanding of market fundamentals, such as current and future supply, technology changes and market risks, we help ensure that BASF and our customers have a cost-effective, reliable supply of the raw materials they need.

A fundamental understanding of precious metal and precious metal technologies is also critical. The experience of our research and development group in precious metal and precious metal technologies is unmatched.

We have led the industry with breakthrough innovations. No one knows more about precious metals. We are the precious metal experts.

Thermocouple handling hints

- Minimize bending leads wire
- Unplug thermocouple holding connectors, not leads
- Insert or extract thermocouple at approximately 2.5 cm/sec (1 in/sec)
- Avoid Sodium contamination of quartz by using gloves for any contact with the thermocouple
- Never run thermocouple wires parallel or across AC electrical lines
- Support thermocouple at mid-span whenever possible

About Us

BASF's Catalysts division is the world's leading supplier of environmental and process catalysts. The group offers exceptional expertise in the development of technologies that protect the air we breathe, produce the fuels that power our world and ensure efficient production of a wide variety of chemicals, plastics and other products, including advanced battery materials. By leveraging our industry-leading R&D platforms, passion for innovation and deep knowledge of precious and base metals, BASF's Catalysts division develops unique, proprietary solutions that drive customer success.

BASF - We create chemistry

Americas

BASF Corporation
Temperature Sensing Business
46820 Fremont Boulevard
Fremont, CA 94538
Tel: +1-510-490-2150

Exactus® Applications Support
4011 S.E. International Way
Suite 604
Portland, OR 97222
Tel: +1-503-794-4073

Asia Pacific

BASF South East Asia Pte Ltd.
7 Temasek Boulevard
#35-01 Suntec Tower One
Singapore 038987
Tel: +65-6337-0330

Europe, Middle East, Africa

BASF Italia S.r.l.
Divisione Catalizzatori
Via di Salone, 245
00131, Rome, Italy
Tel: +39-06-41992-1

Germany

Tel: +49-6103-6049407

Exactus is a trademark of BASF.

Although all statements and information in this publication are believed to be accurate and reliable, they are presented gratis and for guidance only, and risks and liability for results obtained by use of the products or application of the suggestions described are assumed by the user. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH. Statements or suggestions concerning possible use of the products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should not assume that toxicity data and safety measures are indicated or that other measures may not be required. © 2019 BASF

www.catalysts.basf.com/tempsensing

BF-9428 02/19