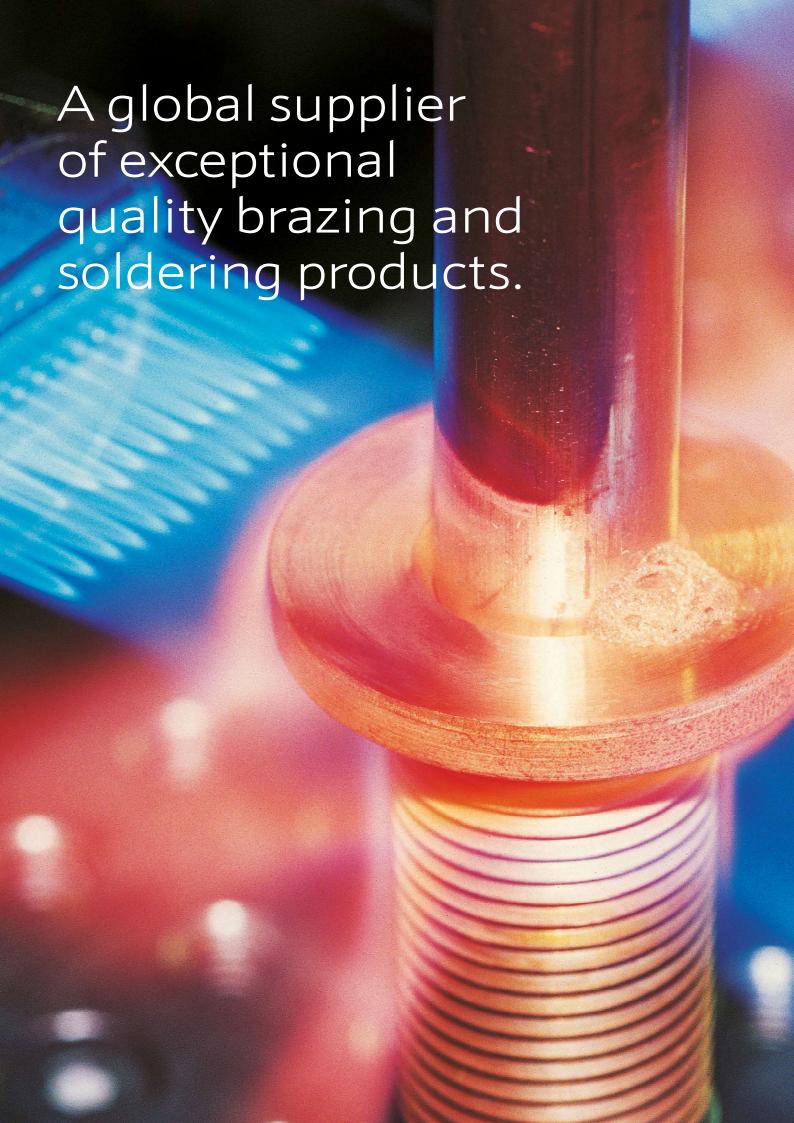


# Brazing and soldering products





## Brazing and soldering products

Johnson Matthey can trace its origins back to 1817 as a gold assayer based in London. Today we are a global leader in sustainable technologies, applying our cutting edge science and creating solutions with our customers that make a real difference to the world around us.

We are proud of our products and technologies, how our customers use them and the positive impact they have on our planet. At the same time, we are passionate about how science can enable global solutions for clean air, improved health and make the most efficient use of our planet's natural resources.

Johnson Matthey has a rich history of supplying metal joining products. We have an enviable reputation for excellent quality, customer service and technical support. Our expert team will help find the right solution for all your metal joining needs.

#### **Precious Metal Capability**

As an expert in precious metals, Johnson Matthey possesses both metal trading capability and materials knowledge giving it a unique standing in the global brazing market.

#### **Broad Product Range**

Today Johnson Matthey offers one of the broadest ranges of products of any company in its field meeting the needs of its customers and of emerging technologies.

#### **Technical Expertise**

With accumulated knowledge of industrial brazing stretching back for over 100 years and with the experience of our people worldwide, Johnson Matthey provides comprehensive technical support.

#### **Customer Service**

Providing good customer service is at the heart of what we do. Our customer service teams are friendly and experienced. We aim to meet customers' requirements.



#### **Quality Systems**

Manufacturers of products and components worldwide trust in the quality of Johnson Matthey. The business is approved to ISO 9001 and holds many customer approvals.

#### **Global Supply Capability**

We are a global supplier of brazing filler metals, solders and fluxes. We supply over 50 countries worldwide from our bases in the UK, Switzerland, Australia and China.

#### **Technical Support**

Our technical people are available to meet customers face to face and aim to understand customers' requirements from a technical, quality and commercial perspective.

#### **Development Advice**

The ideal time to offer technical advice is at the beginning of a project. We are able to give practical solutions from design to production stages of a new product or process development.

#### **Optimise the Brazing Process**

Where brazing forms an important step in the production of a component Johnson Matthey can help to optimise this process in terms of cost, quality and time.

#### **Product Development**

Our product development programme is supported by the JM Technology Centre and links with universities to develop new products and understanding for both emerging technologies and challenging new applications.

#### Troubleshooting

We offer answers to a wide range of problems including brazing technique, joint design or quality, the need for improved productivity, process reliability and metallurgical issues.

#### **Technical Seminars and Training**

Our technical expertise has enabled us to run the successful international seminars 'Brazing Fundamentals' and 'Brazing of Tungsten Carbide and PCD'. We also offer bespoke training for customers.



### Brazing and soldering products

#### Silver brazing filler metals

- Silver-Flo<sup>™</sup>
- Argo-braze<sup>™</sup>

## Silver/copper-phosphorus brazing filler metals

- Sil-fos<sup>™</sup>
- Copper-flo<sup>™</sup>

#### **Brazing fluxes**

- Easy-flo<sup>™</sup>
- Tenacity<sup>™</sup>
- Alu-flo<sup>™</sup>

## Gold and palladium based brazing filler metals

- Orobraze<sup>™</sup>
- Pallabraze<sup>™</sup>

## Base metal brazing filler metals

- JM Bronze<sup>™</sup>
- Argentel<sup>™</sup>
- Nickelbraze<sup>™</sup>
- Alu-flo<sup>™</sup>

### Filler metals and fluxes for soft soldering

• Soft Solder

