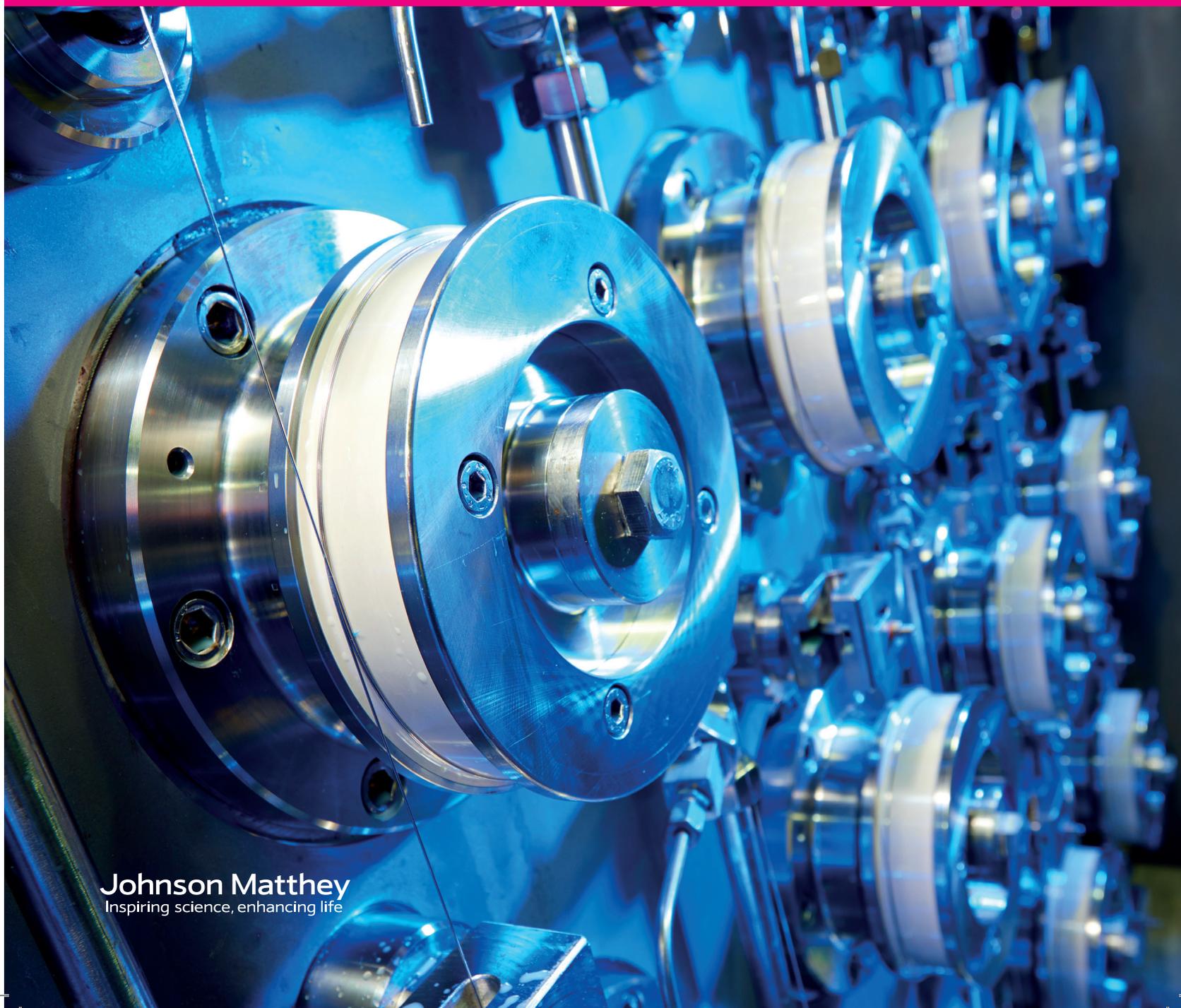


JM

# Platinum thermocouple wire

Now available for express ordering



**Johnson Matthey**  
Inspiring science, enhancing life

# Platinum thermocouple wire

## Now available for express ordering

Our customers trust us to provide accurate and reliable platinum thermocouple wire for temperature measurement applications. We earned that trust by consistently supplying wire of the highest quality and by investing in research and development to provide greater value.

We offer Type R, Type S and Type B platinum thermocouple wire in many diameters, as well as other special alloys and coatings. Our high purity, specially calibrated platinum and platinum-rhodium wire is ideal for measuring the high temperatures typical in the glass, metal, semiconductor and crystal growth industries.

Wire type			Working temperature range (°C)		ITS-90 Tolerances	
Type	- leg	+ leg	Continuous	Intermittent	Standard limits	Special limits
S	Pt	10%Rh/Pt	200-1500	200-1650	+/- 0.25%	+/-0.1%
R	Pt	13%Rh/Pt	200-1500	200-1650	+/- 0.25%	+/-0.1%
B	6%Rh/Pt	30%Rh/Pt	200-1600	200-1750	+/- 0.5%	+/- 0.25%

### Thermocouple Express

Our new **Thermocouple Express Service** provides shipment of the most common platinum wire types within 72 hours of order acceptance. Quantities of up to 3000" per leg are available. Refer to the table below to find your wire type and contact us for a quotation:

#### Thermocouple Express Platinum Wire

JM Part No.	Type	Alloy	Diameter	JM Part No.	Type	Alloy	Diameter
19210X	R/S	Pt	.032"	18703X	R	PtRh13	.016"
17318X	R/S	Pt	.020"	18458X	R	PtRh13	.010"
18702X	R/S	Pt	.016"	19326X	B	PtRh6	.032"
18177X	R/S	Pt	.010"	17911X	B	PtRh6	.020"
19211X	S	PtRh10	.032"	32009X	B	PtRh6	.016"
17449X	S	PtRh10	.020"	33072X	B	PtRh6	.010"
19407X	S	PtRh10	.016"	19327X	B	PtRh30	.032"
18176X	S	PtRh10	.010"	17909X	B	PtRh30	.020"
19325X	R	PtRh13	.032"	32010X	B	PtRh30	.016"
17319X	R	PtRh13	.020"	33071X	B	PtRh30	.010"

Thermocouple Express wire is calibrated to ITS-90 special limits standards. Each order is shipped with a Certificate of Conformance.

For a quote or more information, please contact us by phone or email or visit [www.matthey.com/thermocouples](http://www.matthey.com/thermocouples).

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