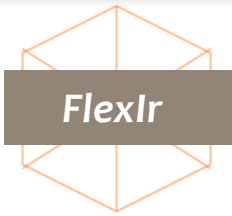


FlexIr

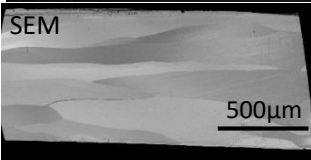
(Flexible iridium wire)

- Flexible as Pt wire
- Suitable for thermocouples
- Suitable for fixing parts at high temperature



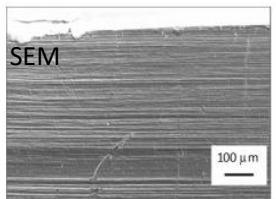
Product Information

Photographs of the FlexIr.



By reducing the exposure of grain boundaries on the surface, not only outstanding deformability but also oxidation resistance has been also improved.

Conventional Ir wire



Outline

FlexIr is a flexible pure-iridium wire. FlexIr shows **remarkable outstanding deformability** comparing to conventional one.

FlexIr can be bound, tied, fastened, twisted to fix materials under high temperature up to its melting point of 2447°C or Softening point of ~2200°C.

FlexIr is suitable for thermocouples (FlexIr-TC) and fixing device at high temperature. Ir based alloys are also possible.

Specification

Diameter	0.5, 0.7, 0.8 mm
Tolerance	At least ± 0.02 mm
Length	1~1,000 cm
Flexibility	Soft / hard
Shape	Rod / coil