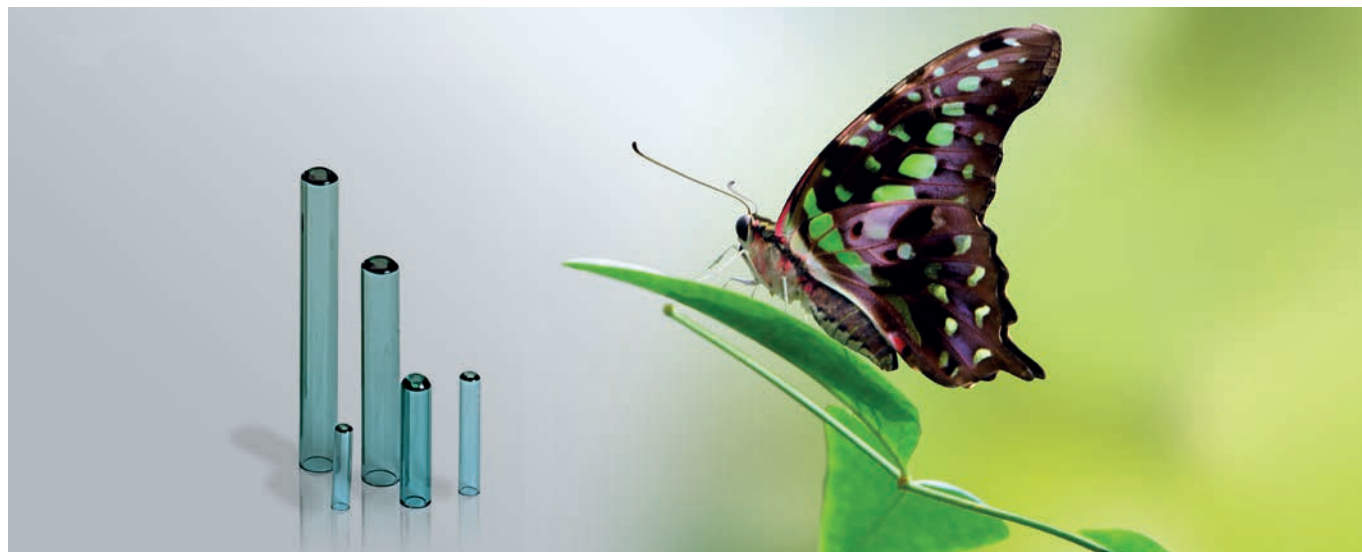


SCHOTT VivoTag® Transponder Glass Tubes

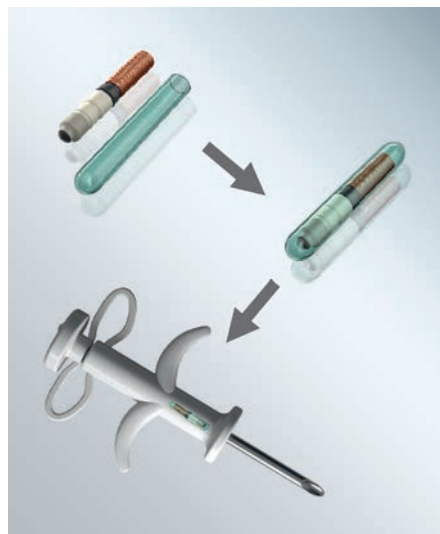
Superior biocompatibility for implantable animal RFID tags



Product Information

SCHOTT VivoTag® glass vials (previously known as SCHOTT 8625 glass), have been the material of choice for animal identification and tracking applications for decades.

SCHOTT VivoTag® glass tubes reliably encapsulate sensitive RFID chips for both implantable and non-implantable RFID transponders. As an inert material with consistent chemical stability inside the body, the glass tube enables the required long-term functionality of the electronic components.



Advantages

Biocompatible

SCHOTT's VivoTag® transponder glass has been successfully tested for biocompatibility (cytotoxicity, hemo-compatibility) in animal applications, which means the glass causes little to no immune reaction, such as inflammatory response, toxic or mutagenic effects, allergies or infections, when subcutaneously injected or implanted.

Proven track record

Also known as 8625 glass, it has been successfully used in animal identification for decades, making it the most proven material for implantable RFID applications on the market.

Small sizes

VivoTag® transponder glass tubes are available in very small dimensions, down to as little as 1.25mm outer diameter.

SCHOTT VivoTag® Transponder Glass Tubes

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Applications

Due to their superior biocompatibility, SCHOTT VivoTag® transponder glass tubes are particularly suitable for animal identification and tracking as enclosures for implantable RFID transponders and bolus transponders.



Features/ Specification	SCHOTT VivoTag® (8625)
Properties	Biocompatibility successfully tested in animal applications
Supply format	Glass vial, open on one side
Outer diameter	from 1.25 to 4.0 mm
Length	from 7 to 50 mm (depending on length-diameter ratio)
Sealing method	The vials are made from IR-absorbent glass which means the open end can be sealed in a clean room atmosphere using laser or infrared (no open flame needed).

About SCHOTT

SCHOTT is a leading international technology group in the areas of specialty glass and glass-ceramics with a workforce of 17,400 employees in over 30 countries. With more than 130 years of experience in glass manufacturing, SCHOTT has outstanding development, materials and technology expertise and offers a broad portfolio of high-quality products and intelligent solutions.

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