

Agilent New Product Announcement!

Gold-Plated Flexible Metal Ferrules

Easy to use metal ferrules for secure
Capillary Flow Technology connections



Agilent Gold-Plated Flexible Metal Ferrules (FMFs)

Agilent is excited to announce the release of our new gold-plated Flexible Metal ferrules!

- These newly launched ferrules improve upon the existing Flexible Metal ferrule (FMF) design by applying a gold coating to ensure a leak-free connection **with Capillary Flow Technology (CFT) devices** while providing enhanced ease of use.



What are they?

Flexible Metal ferrule design

- **Tighter connections and less leaks due to:**
 - Large range of constriction
 - Tighter design specifications
 - Broad sealing surface
- **User-friendly installation due to:**
 - Flexible, forgiving material
 - Wide ID opening
- **Unique groove patterns for:**
 - Reduced stiffness
 - Improved inner diameter constriction
 - Easy identification

Applied gold coating

- **Advanced connection security**
- **Enhanced ease of installation**
- **Inert chemical properties**



How do they work?

Softness is key!

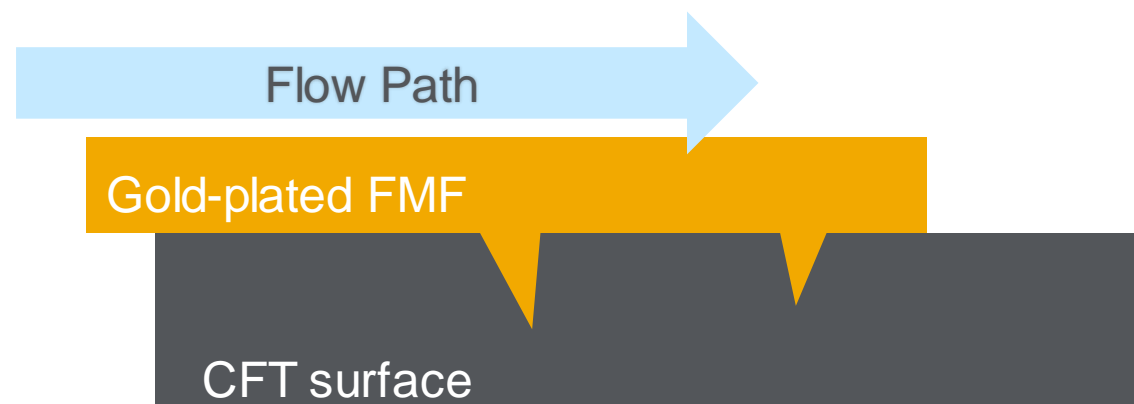
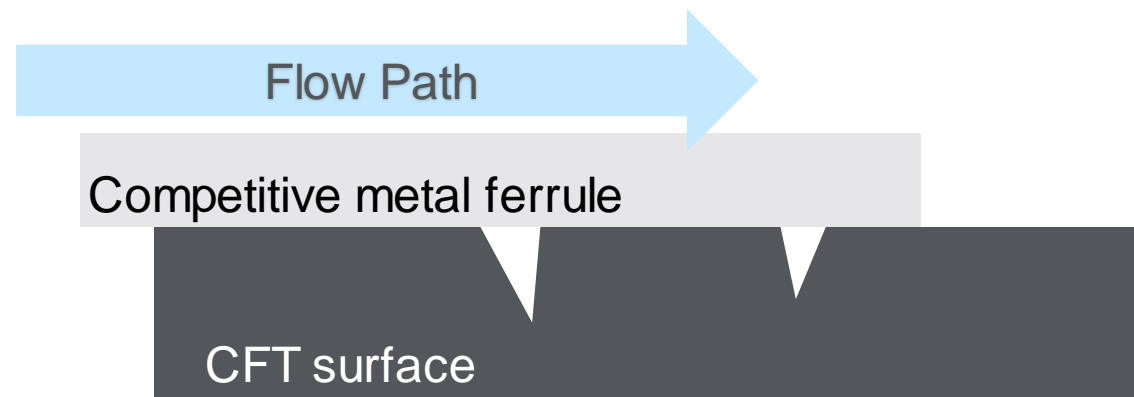
- The softness of the gold coating allows the material to flow into microscratches and striations on the inner surface of the CFT surface
- This fills any potential gaps or voids in the connection and prevents leaks
- The result is leak-free seal, that prevents corrupt data or damaged down-stream columns

Improved Installation

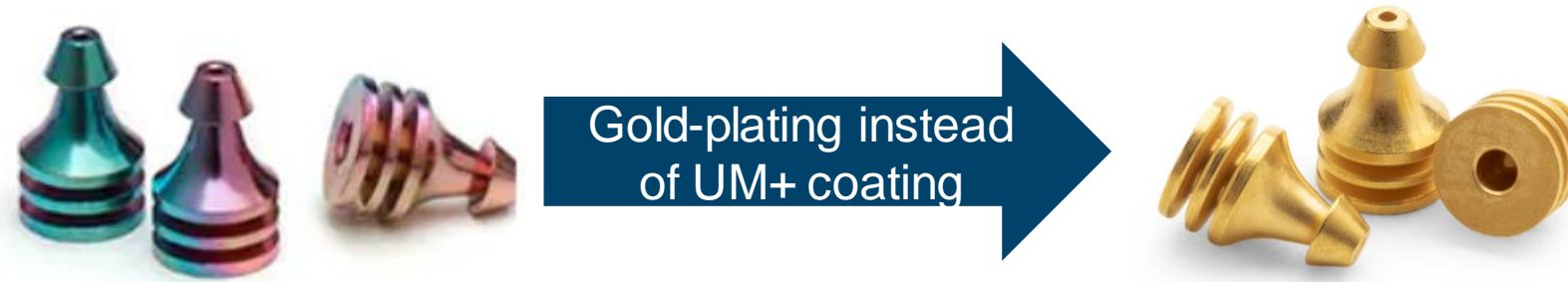
- Thanks to the softness of the gold, a tight, leak- seal is achieved on the first installation attempt
- **No longer need to retighten fittings and run multiple leaks checks!**

Touchless Dial Pack

- Easily thread the ferrule onto your column
- Eliminates potential contamination point



How are they different?



	UM+		Gold-plated	
Flexible material for reduced stiffness	Yes	✓	Yes	✓
Tighter ID tolerances	Yes	✓	Yes	✓
Touchless dial pack	Yes	✓	Yes	✓
Outer durometer	Hard		Soft	
Resistant to scratches	No	✗	Yes	✓
Where to use	Inlet/detector connections		CFT connections	

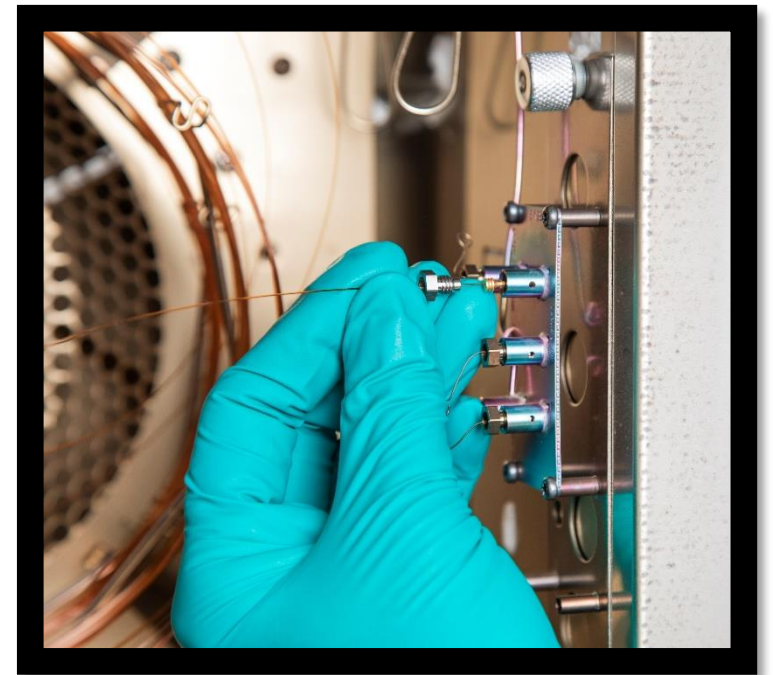
Are these ferrules right for me?

Gold-plated FMFs have been designed specifically for usage with Capillary Flow Technology (CFT) devices such as:

- Purged ultimate unions
- Flow splitters
- Learn more [here!](#)

These devices are required for running analytical techniques such as:

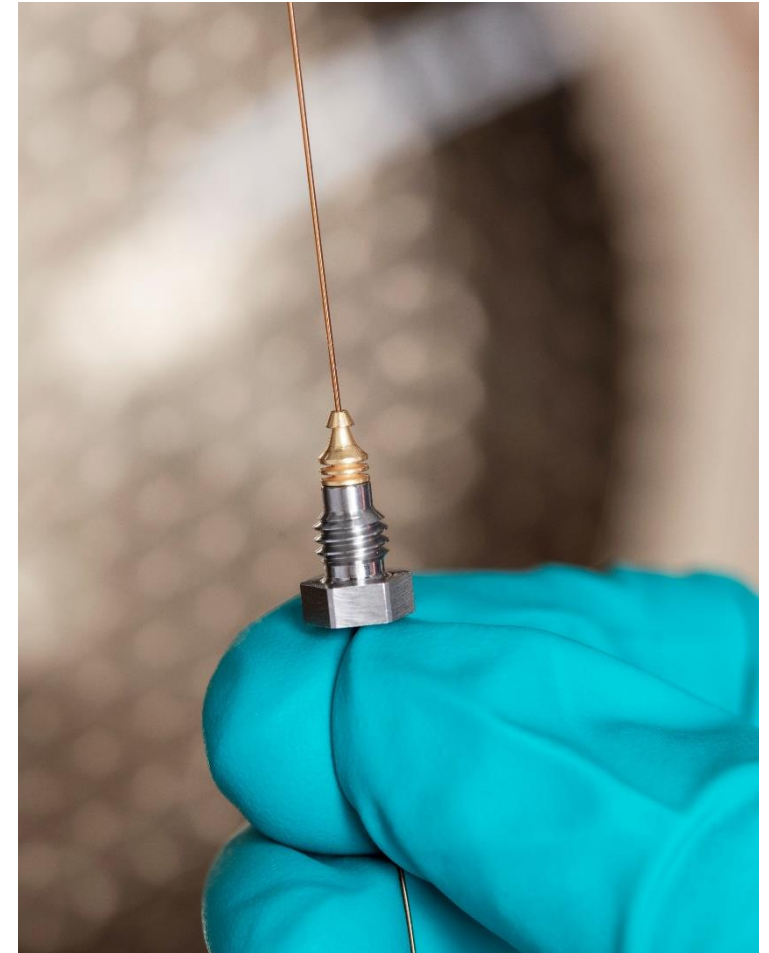
- Backflush
- Deans Switch
- Heart Cutting
- GC X GC



How do I get them?!

Part Number	Description
G2855-28501	CFT Ferrule, Flexi, Gold 0.25mm ID Col 10/PK
G2855-28502	CFT Ferrule, Flexi, Gold 0.32mm ID Col 10/PK
G2855-28503	CFT Ferrule, Flexi, Gold 0.53mm ID Col 10/PK
G2855-28505	CFT Ferrule, Flexi, Gold UM Small, 10/PK
G2855-28506	CFT Ferrule, Flexi, Gold UM Large, 10/PK

For more information on these new products, please visit the [Flexible Metal ferrule product page](#).



The Highlights

Review

- Flexible Metal ferrules are technologically advanced to provide ease-of-use and mechanically tight seals
- Gold-plating flows to fill scratches and striations on the surface of the CFT device
- Creates leak-free seals on first installation attempt
- Ideal for labs running Backflush, Dean's switch, or GC x GC analyses





Agilent

Trusted Answers