

Corrugated Flexible Metal Tubes  
- Applications -

**Housing**

Corrugated stainless steel tube

- Gas supply lines
- Tubes for cryogenic applications



**Industrial**

Flexible stainless steel hoses

- Lubrication systems
- Flexible tube lines for industrial services

**Automotive**

Flexible stainless steel tubes

- CO<sub>2</sub> transport in air conditioning
- Cable protection systems



**UNIWEMA® CFMT**  
Corrugated Flexible Metal  
Tubes



**Contact:**

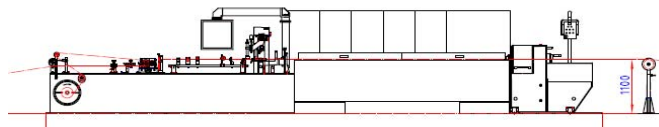
Production Lines & Technology

Tel + 49 5 11 6 76 23 21

Fax + 49 5 11 6 76 37 77

uniwema.tech@nexans.com

www.nexans.com



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## UNIWEMA® CFMT

Production line for continuous forming, TIG/Laser welding and deep corrugating of metal tubes:

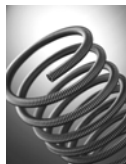
In this process, a metal strip is formed and longitudinally welded into a tube. A split-clamp caterpillar capstan pulls the tube through the machine to the corrugator. There it is deep **corrugated** for **highest flexibility**.

The improved corrugator technology opens **new fields of application** and provides best preconditions for the wide range of requirements:



### Corrugated Flexible Metal Tubes - Characteristics -

- Tightness against water and gas
- High flexibility
- Property to withstand high pressure
- Light weight



### Corrugated Flexible Metal Tubes - Benefits -

- Easy installations of connections and fittings compared to traditional threaded black-iron piping
- CFMT is used at higher pressure. The pipe size, and therefore material costs can be decreased
- The large surface at the tube assures high temperature transfer
- Due to its flexibility and weight it can be pulled in a manner like electrical wires
- Stainless steel tubes are easy to expand. Best pre-condition for retrofits where frequent bends and turns are necessary

