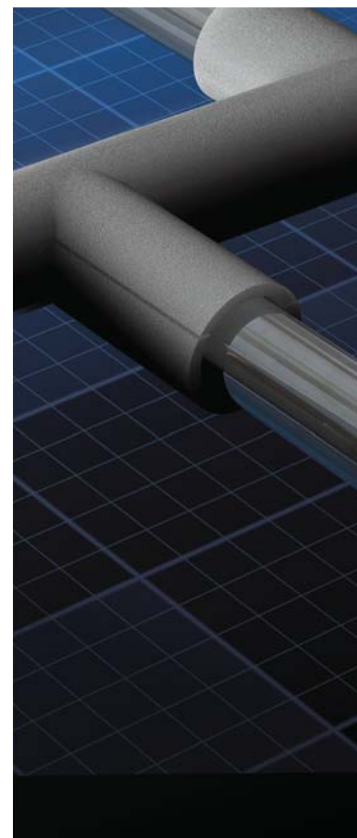
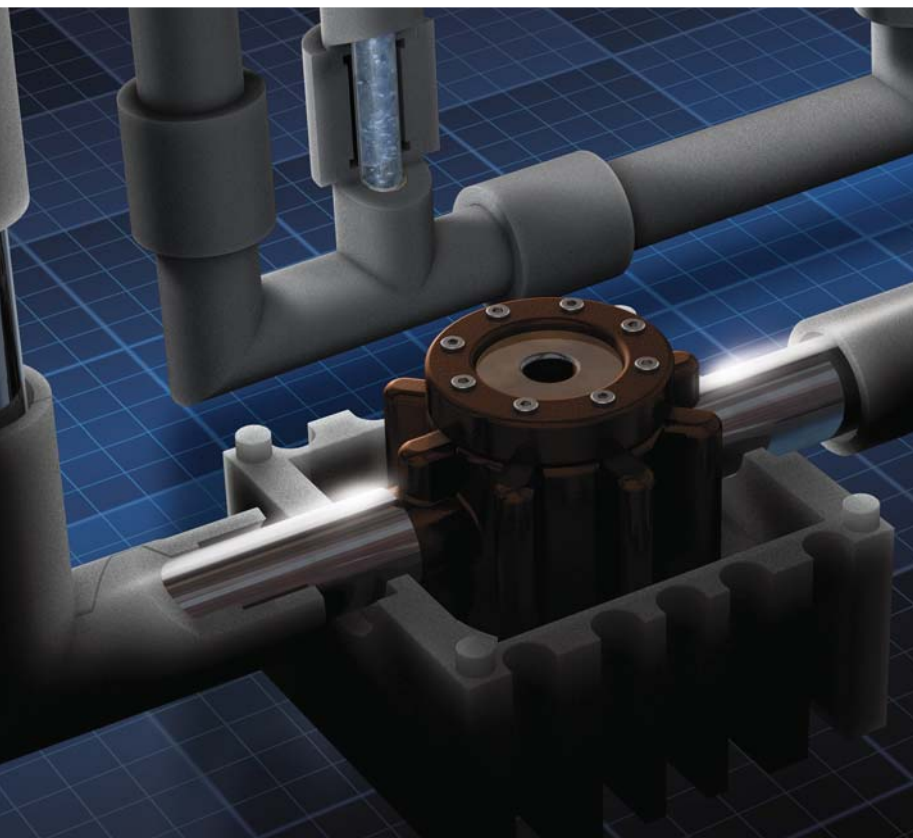


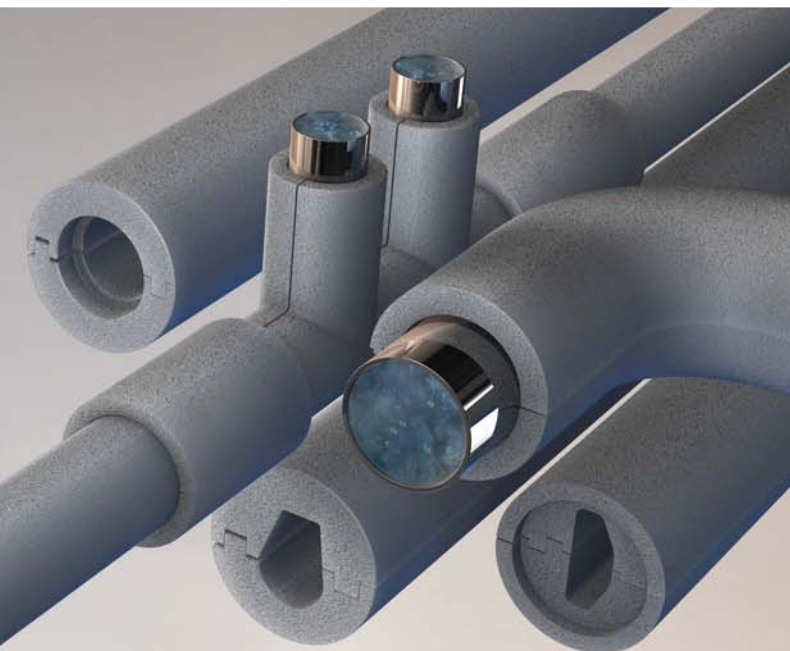
Comfort and safety ...



... due to low-weight  
high-precision work



»Invisible« ...



Thermo acoustic insulation, vibration damping and shock absorption are key functions for insulating bodies, designed for the protection of aircraft components and systems, as well as for the enhancement of passenger comfort.

As in the past decades today Wulfmeyer in close cooperation with industrial partners designs and develops specifications for closed cell foams and their applications for the insulation of aircraft tube-systems to prevent them from freezing.

Over the years Wulfmeyer introduced almost all currently available foam processing technologies, to ensure precision, short turn times, high flexibility, customized solutions and competitiveness. Wulfmeyer also reduces risks for customers by arranging for high level raw material safety stocks and processing capabilities.



Wulfmeyer components correspond to the material specs of the world's largest aircraft manufacturers, and have been certified by them. For example:

MP15FR acc. to AIMS 04-14-005A (MP15FR), non adhesive  
AIMS 04-14-005C (MP15FR/63), self adhesive

PVDF Foam Zotek F30 acc. to BMS 8-371



... and highly efficient.



Form-fitting  
component encapsulation for  
highly effective insulation.



**Polyethylene (PE)** and **polyvinylidene fluoride (PVDF)** have properties which make them excellent choices for the construction of insulating bodies used in aircraft manufacturing: low weight and highly efficient insulating properties, mechanical durability, dimensional accuracy and durability, chemical and heat resistance, and a closed-cell structure (no absorption of water). The deciding factor is what one makes out of the material.

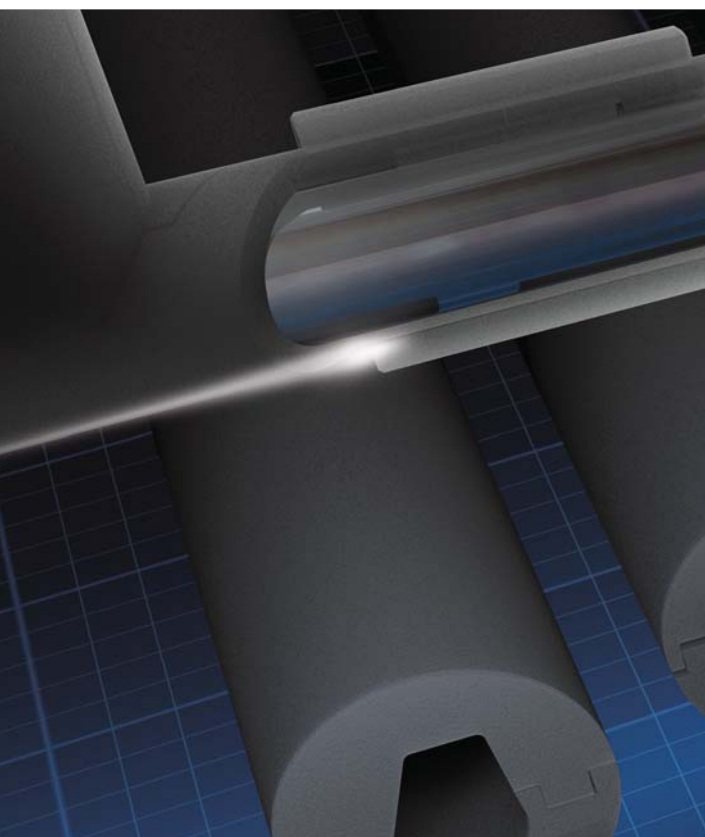
#### **Tube insulation system**

Wulfmeyer utilizes selected high grade PE and PVDF foams to create whole aircraft tube insulation systems, with one even developed into an aircraft OEM's standard (PE-foam based ABS).

In addition to these standards, Wulfmeyer also continues to support customers with specific solutions. A major US airline had a fleet-wide freezing problem in the coffee maker water supply system. Wulfmeyer fixed it with an PVDF-foam insulation kit, developed from the aircraft system drawings.

- Matching tube insulation system components (per ABS) with different cross-sections and measurements, to accommodate tubes & t-connectors with and without heating wires
- Insulation solutions for all system components (LRU's)
- Per aircraft OEM's material specification (AIMS, BMS, CMS) and authority requirements (FAR's)
- Flexibility to utilize PE- or PVDF-foams depending on aircraft OEM and operators requirements for development of customized solutions

# Uncompromising commitment to quality



## Insulation Products

- Tube systems insulation
- 3D foam parts
- 2D foam parts



## Floor coverings

- NTF – Wulfmeyer Process
- Carpet Underlay
- Security Step



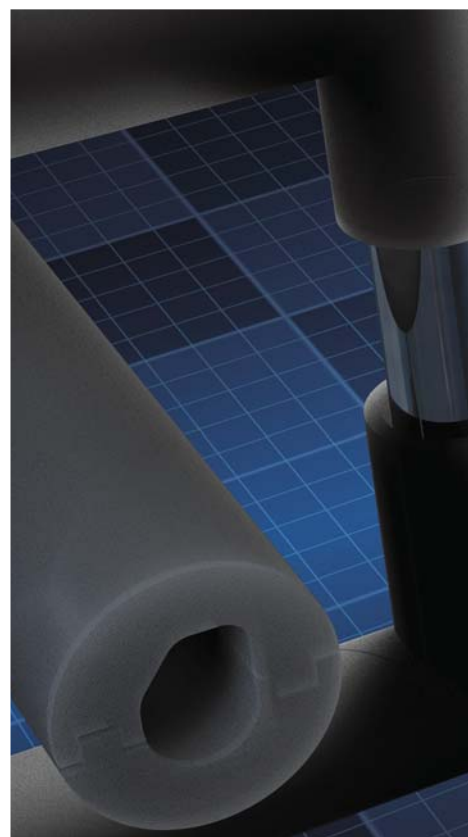
## Tapes

- Hook & Loop (BOND-Y) tapes, adhesive tapes
- PTFE tapes



## Foam products and applications

- Cabin design
- Gaskets
- Customized solutions



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The company has established itself as a co-creative partner with Aircraft OEM's & Sub-Suppliers, Operators, Lessor's and MRO's.

More than once, Wulfmeyer developments have become »milestones« from which the entire industry has profited in a lasting manner.

You can obtain extensive information about our high-performance portfolio, and the advantages it offers you, at:

[www.wulfmeyer.com](http://www.wulfmeyer.com)

Rudolf Wulfmeyer Aircraft Interior GmbH & Co. KG operates as a production company according to the European Regulation 748/2012 Part-21G, certified according to EN/AS 9100. Furthermore, Wulfmeyer is listed in the worldwide established OASIS Register under no. 6115568606. Relevant certificates were awarded by the Federal Aviation Authority (LBA - Luftfahrt-Bundesamt), the office of civil aviation and member of the European Aviation Safety Agency (EASA). Besides well-known airlines and MRO (maintenance, repair, and overhaul) companies, Rudolf Wulfmeyer Aircraft Interior GmbH & Co. KG also counts the world's largest aircraft manufacturer among its long-term customers.