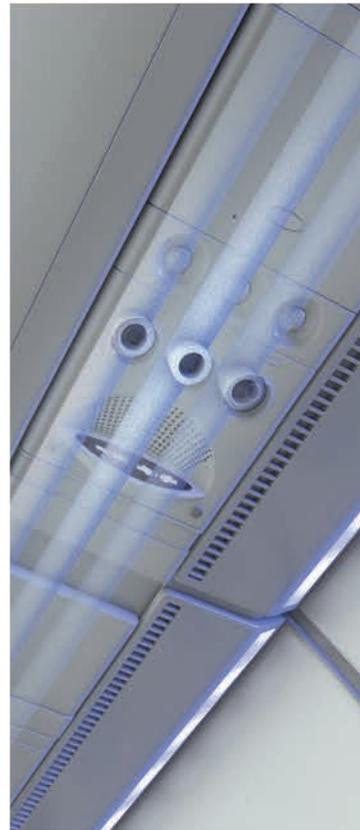


Ideas in light foam ...



... graceful appearance
and enormous flexibility
of use



Functional, aesthetically pleasing ...



Depending on customer requirements, Wulfmeyer can supply materials capable of being tailored in the airplane hangar.

Ideas in light foam

Each gram less is an increase of profitability for the airlines! To save weight, means first of all the smart utilization of light-weight and at the same time durable materials.

Beyond the primary effect of weight savings, foam components with their enormous applications-flexibility open up further value-added aspects for aircraft designs. As if PE foams, such as MP15FR, were developed exclusively for applications in modern aircraft, they provide properties that fulfill complex requirements. Safety, function and comfort aspects are combined in **PE-Foam MP15FR** and **PVDF Foam Zotek F** material, which ensures high-precision parts and permanent lasting dimensional stability - even under harsh conditions.

For example: sophisticated »gap fillers«

Cavities are unavoidable, whether inside frame constructions in aircraft interiors, double walls or connecting points of different objects. It is always true that an air-filled cavity shows clear weaknesses both with regard to thermal as well as acoustic

insulation. However, it won't get lighter than air, but the solution, which effectively insulates, is hardly heavier than air: MP15FR / PVDF Foam Zotek F – high-precision shaping with Wulfmeyer.

For example: additional window seals

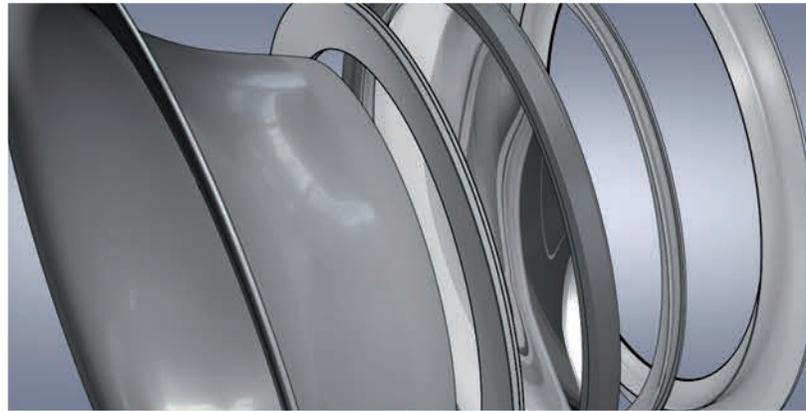
Some airlines integrate special aesthetic accents for their passengers by complementing the manufacturers window seals with foam seals. This improves the appearance of the windows, because these additional seals made with Wulfmeyer precision work from MP15FR, significantly reduce the degree of contamination between the two panes. Fine dust particles will no longer circulate in this area between the panes. In addition, these seals also counteract condensation.

For example: soft-trim surfaces

The design of the passenger and crew areas in aircraft has a decisive influence on the well-being and motivation of the people within it, whether they are traveling or working. This applies not only to the optical but also to the haptic design of the respective interior.



... and soft.



The soft touch effect, which is created by underlaying of surface materials with a soft, flexible, and extremely light foam layer, provides with each touch a hint of comfort, solidity, and safety. Whether it is the surfaces of partition, cabin and small cabin walls, seat components such as armrests or the »soft-walk effect« with floor coverings, the ambience fulfills the expectations of the passengers with a perceptible quality plus.

For example: 2-in-1 solutions

- Until now, composite pipes have been installed with an additional thermal insulation jacket and aircraft manufacturers are increasingly using systems made exclusively of foam:
- Cost-saving by eliminating the two-component design. The foam tube alone connects the optimum air flow guide with the required insulation values in a single unit
- Weight-saving thanks to the use of extremely light material
- Easy to install thanks to simple, comfortable laying of the flexible tubes.



Uncompromising commitment to quality



Foam products and applications

- Cabin design
- Soft-trim surfaces
- Light weight applications



Tapes

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



Floor coverings

- NTF – Wulfmeyer Process
- Security Step



PE and PVDF foams

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



Rudolf Wulfmeyer Aircraft Interior
GmbH & Co. KG
Frankenring 15
30855 Langenhagen (Germany)

Telefon: +49-511-74076-0

Fax: +49-511-74076-66

E-Mail: info@wulfmeyer.com

Wulfmeyer Aircraft Interior

has been a successful supplier and partner of the international aviation industry for over half a century. The company has established itself as a co-creative partner in an industry known for the highest quality and safety requirements worldwide.

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

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