

## Series Production or Individual Pieces

### Development/Service

- Customized product development
- Test equipment for prototypes
- Pre-series and small series
- Load change system to conduct longevity or endurance tests under pressure, vacuum, temperature and motion

### Manufacturing

- Machinery and production processes are subjected to continuous improvement
- In-house tool development and design for cost-efficient solutions
- Highly flexible production layout to meet the requirements of either small or large volume series production runs

### Quality assurance

The implemented quality management system is certified according to DIN EN 9100:2009 "Aerospace series - Quality management systems" (technically equivalent to AS 9100 & JISQ 9100). This certification corresponds to QSF-C of the German Aerospace Industries Association (Bundesverband der Deutschen Luft- und Raumfahrtindustrie e. V. - BDLI). Matzen & Timm is classified as QSF-C supplier by Airbus Deutschland GmbH.

All Matzen & Timm aerospace parts are in compliance with JAR/FAR 25.853 (a) and ABD 0031.

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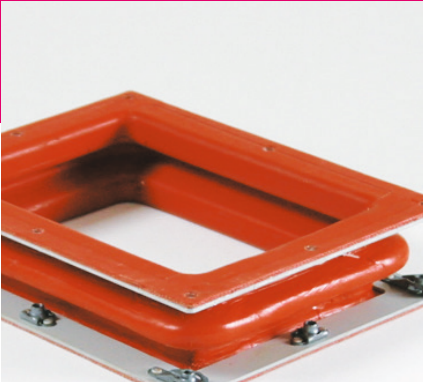
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 **MASTERFLEX GROUP**  
Connecting Values

# Aviation



Flexafit Flexavent Flexanorm Flexrapid



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MATZEN & TIMM - March 2015 -



Simply flexibly connected

Matzen & Timm specializes in the development and production of complex connection and hose systems made of innovative high-tech caoutchouc materials. As long-term certified partner in the aviation industry, we deliver high temperature hoses, suction hoses and coolant hoses for air distribution, vacuum toilets or bleed air systems. We monitor our high standards continuously.

ECU Systems

Wire reinforced hoses, rectangular bellows with metal flanges, support rings and frames for ECU Systems.

Air Distribution

Insulated and non-insulated hoses, convoluted hoses, bellows and special shapes for the Main Air Distribution System incl. PSU.

Noise Reduction

Sewn sound-reducing insulation, custom fitted to the application.



Bleed Air Systems

High temperature and pressure resistant bellows, elbows, form-parts and special hoses with integrated metal flanges and support rings for bleed air systems.

Specialty Hoses

Preformed wire reinforced T-pieces, Y-pieces, form parts and special hoses for vacuum toilet systems, wastewater discharge, drainage and galley cooling and ventilation.

Additional Applications

Other applications are high temperature resistant exhaust bellows for APU systems, fuel jettison, fuel line drainage (shrouds), fuel line compensators, cable protection, electronic cooling, de-icing systems, hydraulic pump cooling, battery ventilation, extruded profiles and molded parts, electrical conductive hoses and bellows, etc.

