INTERFILTER Group

PIPELINE SYSTEMS
TRANSAIR

- Leak-tight connections & standard PED approved
- Quick, easy to install & simple to expand
- Fire-resistant, European class EN 13501-1

NOVEMBER 2023

TRANSAIR PIPELINE SYSTEMS

As a Parker distributor, we also supply complete pipeline systems from the Transair brand. Parker Transair is an advanced and modular piping system offering a reliable and efficient method to transport (compressed) air and gas in industrial applications. These systems are suitable for industries such as manufacturing, pharmaceuticals, packaging, food, automotive, and more.

Transair pipeline systems are available in three different colors for easy differentiation: compressed air pipelines are blue, nitrogen pipelines are green, and vacuum pipelines are gray.

COMPRESSED AIR PIPELINES
Aluminum

NITROGEN GAS PIPELINES
Aluminum

VACUUM PIPELINES
Aluminum

SPECIAL APPLICATIONS, EXTRA HEAVY-DUTY CONDITIONS
Stainless Steel

ADVANTAGES OF TRANSAIR

Leak-tight connections & standard PED approved

Quick, easy to install & simple to expand

Easy to distinguish by color coding

Fire-resistant, European class EN 13501-1

10-year warranty

Energy (cost) savings due to optimal sealing

Lightweight

Long lifespan & low maintenance due to corrosion resistance

THE PIPES ARE **RESISTANT TO...**

- Corrosion: An innovative anti-corrosion coating protects against rust and deterioration, even in humid environments.
- Oil: Effective against mineral, synthetic compressor oils, and aggressive compressor condensates.
- Chemical Resistance: Withstands harmful conditions and aggressive chemicals in the air due to a special material composition.
- Shocks: Withstands mechanical shocks and vibrations, maintaining reliability in demanding industrial conditions.
- Temperature: Functions without structural wear under extreme temperatures.
- UV: A UV-resistant coating protects against the harmful effects of ultraviolet light.

CERTIFICATIONS & STANDARDS

ECO FRIENDLY

Pipeline Quality
- ISO certification
- IAFT certification
- Qualicoat certification

In-line Quality
- ISO 8573 certification
- Oil-free certification
- Silicone-free certification
- Labs Free Compliance

Safety Standards
- EN 13501-1 & UL 94 HB certification
- EN 13501-2 certification
- ATEX Directive 2014/34/EU

Pressure Vessel Requirements
- ASME B31.1 / B31.3 compliance
- TSSA and CRN approval
- CE Directive
- TÜV certification

Environmental Protection
- ISO14001
- REACH & RoHS Directives
- Ecological design
- 100% recyclable

Long-Term Commitment
- 10-year warranty

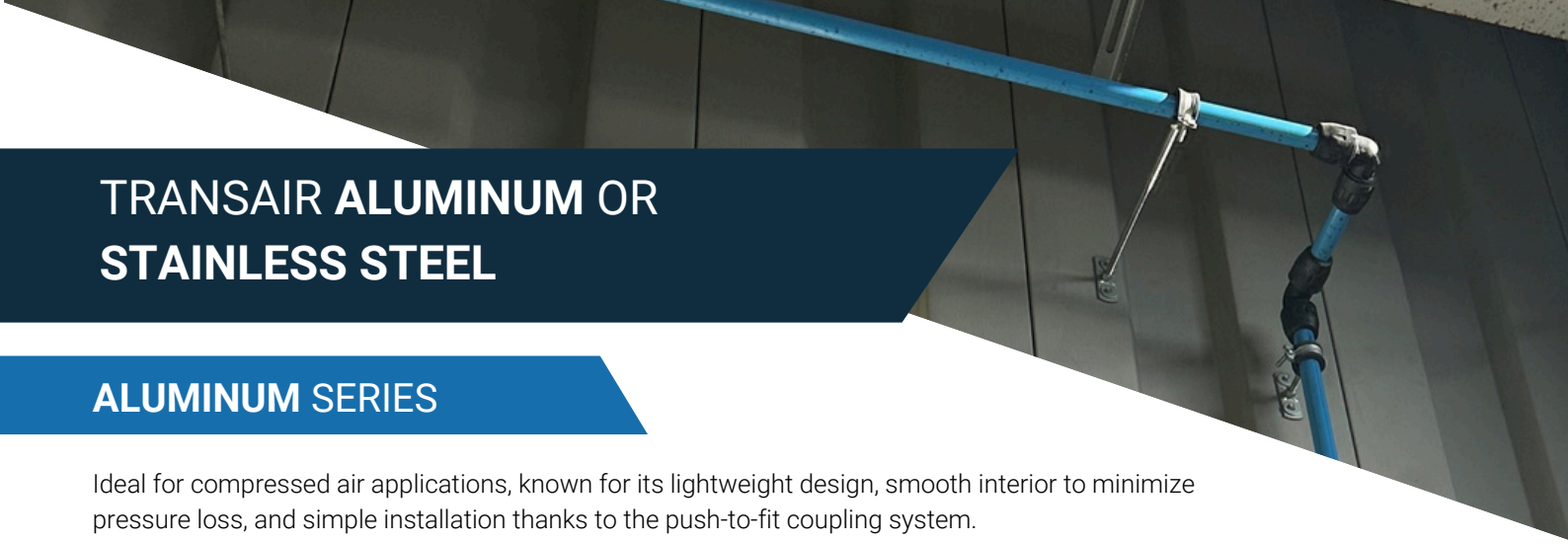
European Class EN 13501-1 Certification

The Euroclass EN 13501-1 defines classifications for material behavior in fire based on three main criteria:
- Fire behavior
- Smoke production
- Falling droplets and burning particles

The Transair aluminum range is non-combustible and does not produce droplets or burning particles. It is classified as B s2 d0 according to European class EN 13501-1.

CE afaq ISO 9001 Qualité AFNOR CERTIFICATION ASME SETTING THE STANDARD Ex REACH COMPLIANT TÜVRheinland® Genau. Richtig.

IAF QUALICOAT ISO 8573-1:2010 10 YEARS WARRANTY 10 YEARS OIL FREE SILICONE FREE LABS FREE



TRANSAIR **ALUMINUM** OR **STAINLESS STEEL**

ALUMINUM SERIES

Ideal for compressed air applications, known for its lightweight design, smooth interior to minimize pressure loss, and simple installation thanks to the push-to-fit coupling system.

Calibrated aluminum pipes
with Qualicoat coating

Available Diameters (mm)
16.5 - 25 - 40 - 50 - 63 - 76 - 100 - 168 mm

Colors
Blue (compressed air), green (nitrogen), gray (vacuum, other colors upon request)

Maximum Working Pressure
16 bar (-20°C to +45°C) up to 100 mm, 13 bar (-20°C to +45°C) for all diameters

Vacuum Level
99.9% (1 mbar absolute pressure)

Gaskets
Nitrile rubber (NBR)

Applications
Oil-laden or oil-free compressed air, industrial vacuum, and inert gases

Lightweight
Aluminum pipes are very light, making them easy to handle and install.

Energy efficiency
The smooth inner surface of the aluminum pipes minimizes pressure loss, ensuring efficient airflow.

Easy installation
The push-to-fit coupling system allows for quick and leak-free connections without the need for special tools or welding.

STAINLESS STEEL SERIES

Primarily used in environments with corrosive substances, known for durability and smooth interior to minimize pressure loss.

Stainless Steel Pipes
AISI 304 or 316L

Available Diameters (mm)
22 - 28 - 42 - 60 - 76 - 100 mm

Maximum Working Pressure
10 bar (-10°C to +60°C), 7 bar (-10°C to +90°C)

Gaskets
EPDM or Viton (FKM)

Applications
Cooling water, industrial water with additives, lubricating oils, compressed air, and inert gases

Corrosion resistance
Stainless steel pipes are resistant to corrosion and rust, making them suitable for demanding environments.

Energy efficiency
Like the aluminum series, the stainless steel series features a smooth inner surface to minimize pressure loss.

Long lifespan
Stainless steel pipes have a long lifespan and maintain their performance in harsh conditions.

Difference from aluminum?
Offers the same efficiency and reliability but with added resistance to corrosive substances.

QUICK AND EASY INSTALLATION

Transair piping uses quick-coupling technology, allowing aluminum pipes to be joined without welding using Transair fittings. This results in faster and easier installations compared to traditional systems.

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COUPLING SYSTEMS

- Modular design, quick and easy to install, adjust, or expand
- Add branch lines to ring lines at any time
- Leak-tight connections
- Minimal resistance through a proper connection from coupling system to piping

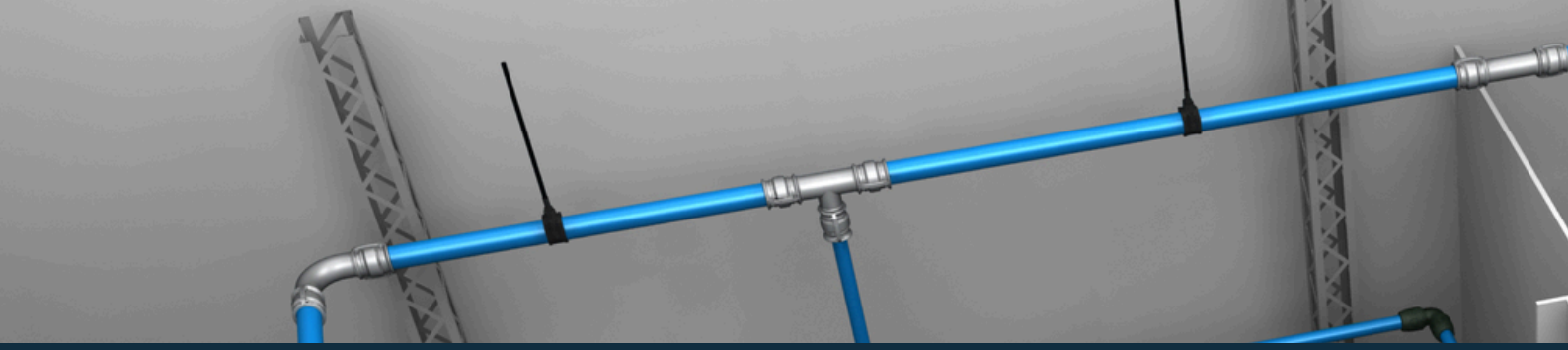
Watch the video about the Transair coupling system and experience the ease.

WHY TRANSAIR?

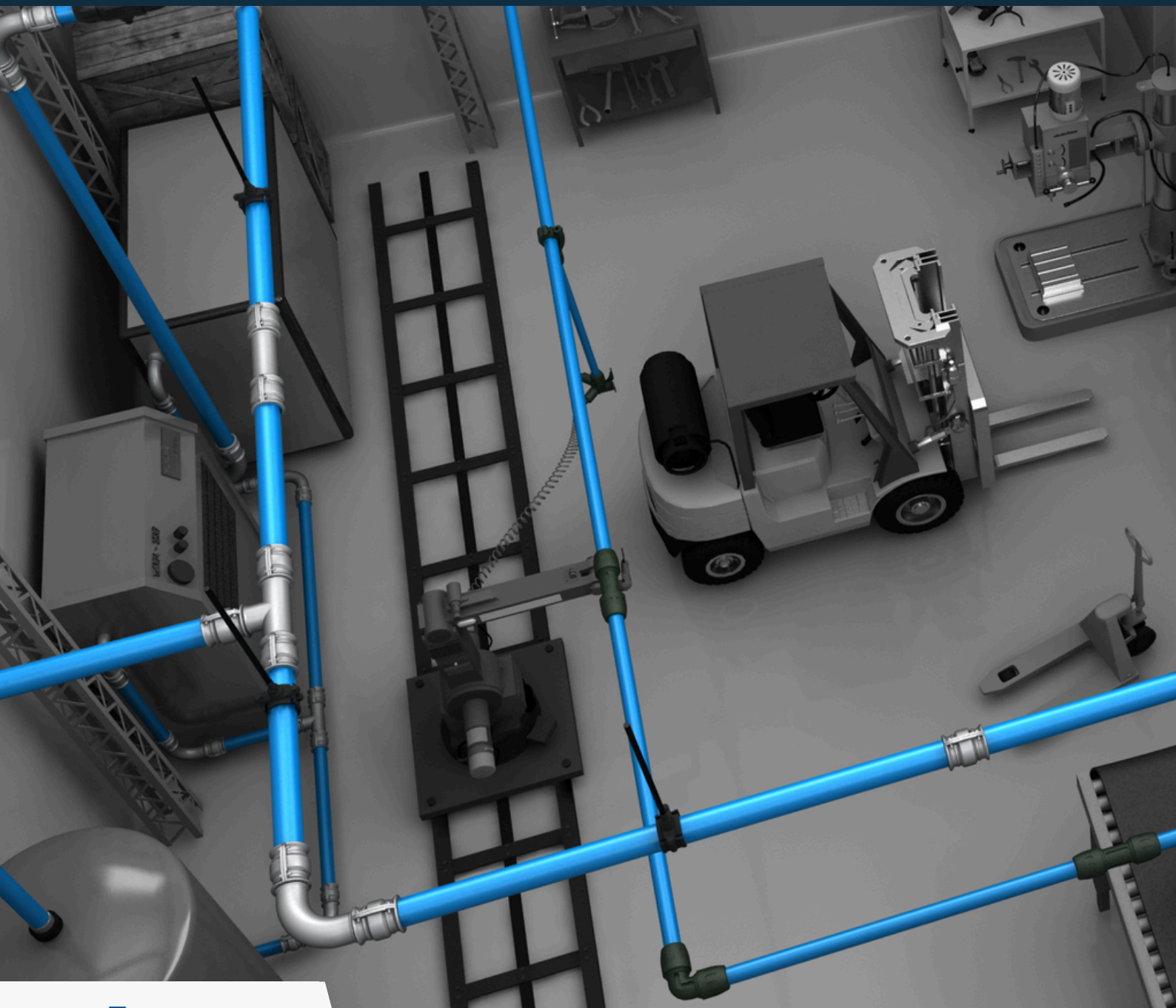
6x lighter and faster to install compared to plastic, steel, stainless steel, or copper pipelines

100% leak-proof, thoroughly tested with minimal leakage risks

High efficiency with high flow rate, suitable for diameters from ½" to 6", and no corrosion



Stay updated on developments in filtration. Scan the QR code and follow us on LinkedIn.



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Contact us for more information about our products.

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