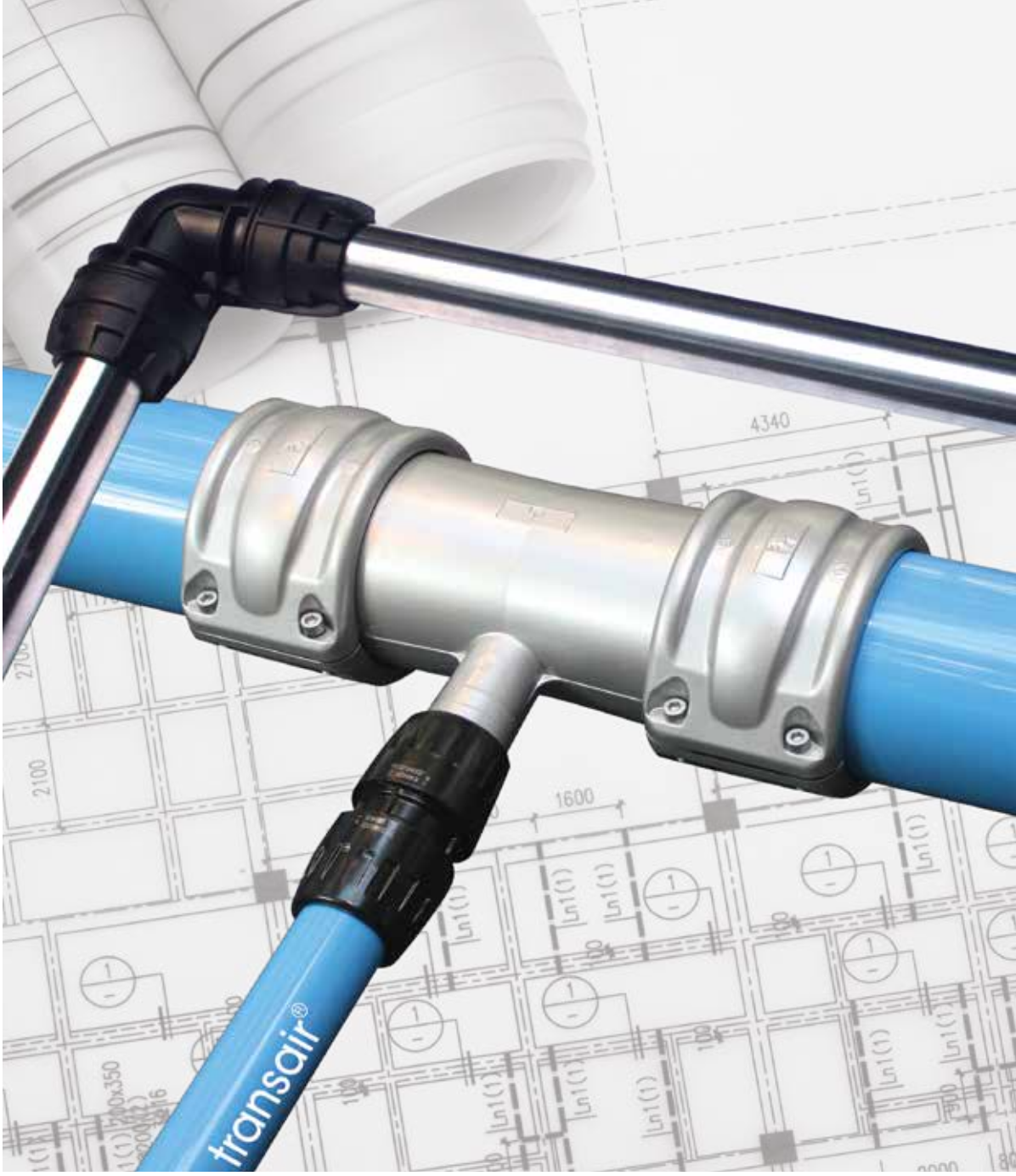


Transair® at a Glance

Advanced Pipe Systems for Industrial Fluids

Diameters 16.5, 22, 25, 28, 40, 42, 50, 60, 63, 76, 100 and 168mm
Compressed Air - Vacuum - Inert Gas - Industrial Water and Oil

In compliance with PED 2014/68/EU

Parker

Hopespare
Fluid Power Solutions & Innovation
ENGINEERING YOUR SUCCESS.

Transair®
A Business Unit of Parker Hannifin Corporation

Parker Hannifin is the world leader in motion and control technologies, working as partner with its customers to increase their productivity and profitability.
Within Parker, Transair® is the business unit specialising in projects for industrial fluid networks.

Transair®: 25 Years of Innovation

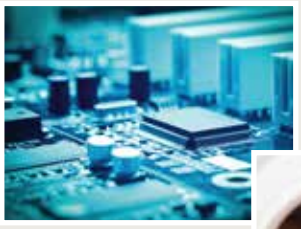
Transair®, the original modular pipework system, was launched in 1996. Since then, continual improvements have been made to meet the **compressed air, inert gas, vacuum, industrial water and oil** networks requirements.

- **1996** Creation of the Transair® system Ø16.5, 25 & 40mm
- **2000** New Technology for Ø63mm
- **2005** New technology for Ø76 & 100mm
- **2006** Range for cooling systems
- **2010** New Ø168mm
- **2012** Multifluids Range
- **2015** New Ø50mm with SnapRing Technology
- **2016** Stainless Steel Drops Ø22mm
- **2018** Transair® Products for Technical Rooms and aggressive condensates
- **2020** TCMS™ Transair® Condition Monitoring System
- **2020** Optimisation of vacuum performance: 1mbar at the point of use

Transair® is Suitable for Most Business Sectors...










- Automotive
- Aerospace
- Plastic Industry
- Textile Industry
- Railway
- Logistics
- Food & Beverage
- Electronics
- Construction
- Laboratories/ Pharmaceutical industry

.... and for Numerous Fluids




- Compressed Air
- Vacuum
- Inert Gas
- Industrial Water
- Industrial Oil

Transair® Tools and Services

The Transair® offer combines a wide range of tools and services to **support every step** of a project for industrial fluid networks: design, estimation, delivery and installation.

Estimation

3 tools available online to calculate the budget of a Transair® network according to the project status:

- **Pre-quote tool** to estimate the necessary budget in a few seconds
- **Quote tool** to determine the most accurate bill of material and associated budget
- **Transair® Energy Efficiency Calculator** evaluates the return on investment of a Transair® solution compared to a traditional steel network, for compressed air network projects - new or replacement

More information from www.parkertransair.com

BIM: Building Information Modeling

To be BIM compatible, all Transair® families are available, in REVIT format, in LOD (Level Of Detail) 200 and 400.

More information from: www.parkertransair.com

Project Support

A **dedicated team** to support complex Transair® projects, including **technical studies, estimations** of installation times, detailed **bill of material** and related weight/volume.

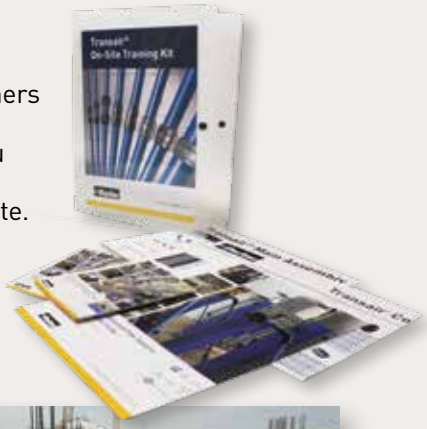
Available at transair.quotation@parker.com

GeoLoc The Geolocation service proposed by Transair®

- **Transair® real-time delivery tracking service**, from the shipping site to the work site
- **Built-in GSM beacon** for on-site direct deliveries
- **Localisation of deliveries** throughout the shipment
- **Optimised organisation** of work sites

Installation

Our teams and partners are available to accompany you at any time on a construction site.



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Transair® Wide Product Range

Wireless sensors designed for Transair® **for continuous remote condition monitoring** of a compressed air system

Compatible with aggressive condensates from all kinds of compressors (lubricated and oil-free)

Transair® Products for Technical Rooms

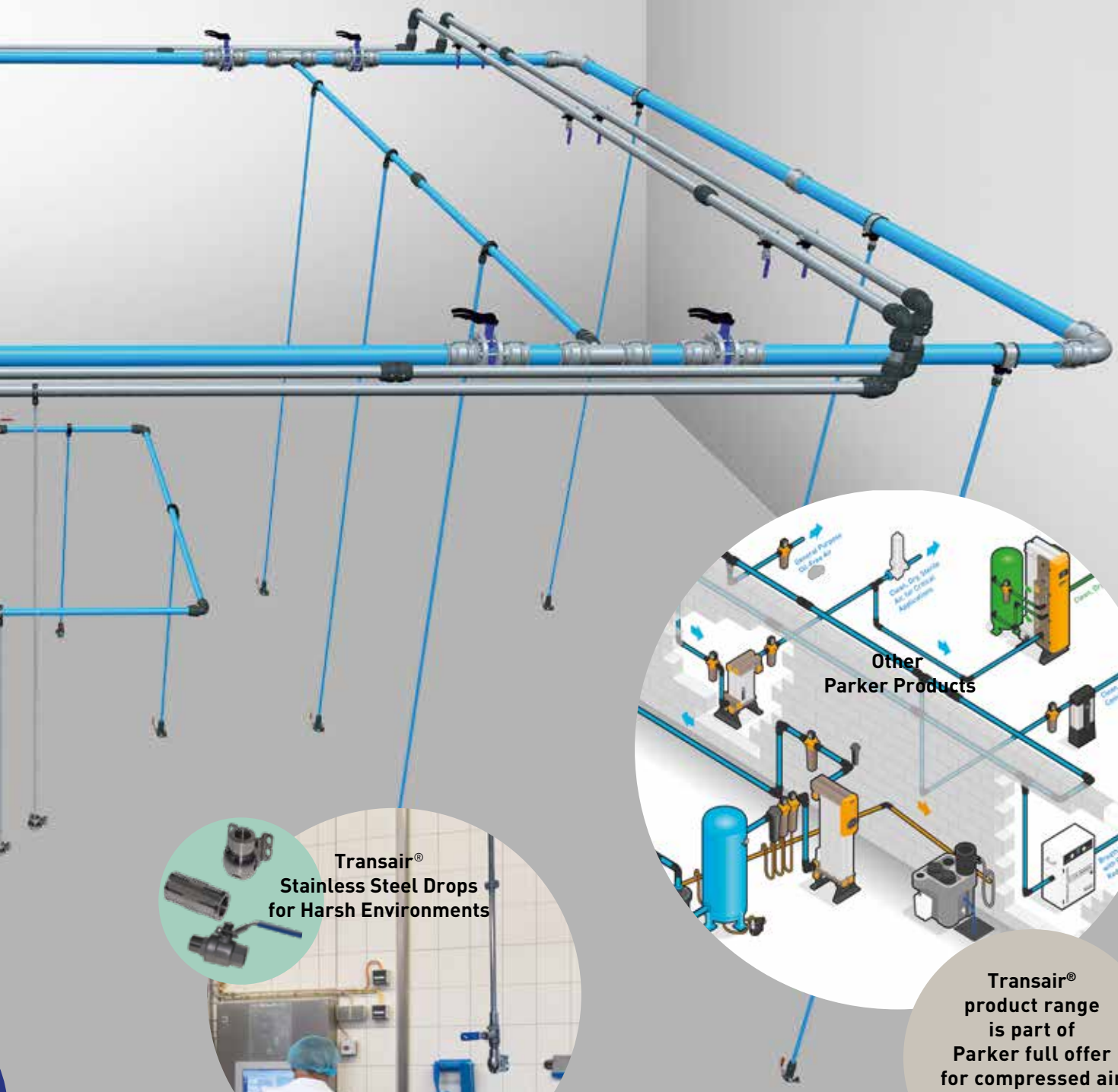
TCMS™ Blue Transair® Condition Monitoring System

Bluetooth Version

A **Bluetooth** wireless sensor solution for the **instant** measurement, on site, of your compressed air networks

TCMS™ Gold
nsair® Condition
Monitoring
System
Cloud version

Transair®, from the Technical Room ...
... to the Heart of Production



Transair®
product range
is part of
Parker full offer
for compressed air
and gas
treatment.

Aluminium Range

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

Maximum Working Pressure*
16bar (-20°C to 45°C) up to 100 mm
13bar (-20°C to 60°C) for all diameters
7bar (-20°C to 85°C) for all diameters

Working Temperature: -20°C to 85°C

Vacuum Level
99,9% (1mbar absolute pressure)

*TÜV Certification

Stainless Steel Range

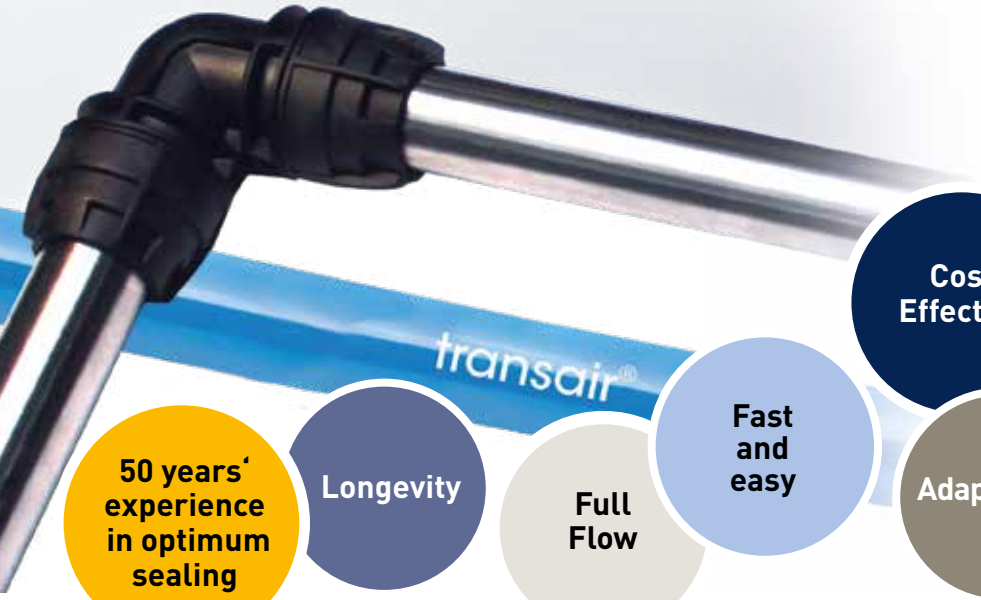
Diameters (in mm)
22 - 28 - 42 - 60 - 76 - 100

Maximum Working Pressure*
10bar (-20°C to 60°C) for all diameters
7bar (-20°C to 90°C) for all diameters

Working Temperature: -20°C to 90°C

Vacuum Level
99,9% (1mbar absolute pressure)

*TÜV Certification



Transair®
The Best System for Industrial Fluids

- 50 years' experience in optimum sealing
- Longevity
- Full Flow
- Fast and easy
- Cost Effective
- Adaptability
- Modularity
- High Performance
- Manufacturing Expertise
- Safety

Reliable and Safe Connection Technologies

Because users need versatile but reliable and safe solutions, Transair® has developed different technologies for the best compromise between safety, efficiency and adaptability.

			Frequency of Modifications	Mechanical Stress due to Pressure		
Gripping Ring Instant Connection	Ø16.5mm Ø25mm Ø40mm		+++++ (every quarter)	+ (up to 250 kg)		Ø22mm Ø28mm
SnapRing Quick-fit Connection	Ø50mm Ø63mm		+++ (every year)	++ (up to 600 kg)		Ø42mm Ø60mm
Lug & Clamp Quick-fit Connection	Ø76mm Ø100mm Ø168mm		+ (every 3 years)	+++++ (up to 3000 kg)		Ø76mm Ø100mm

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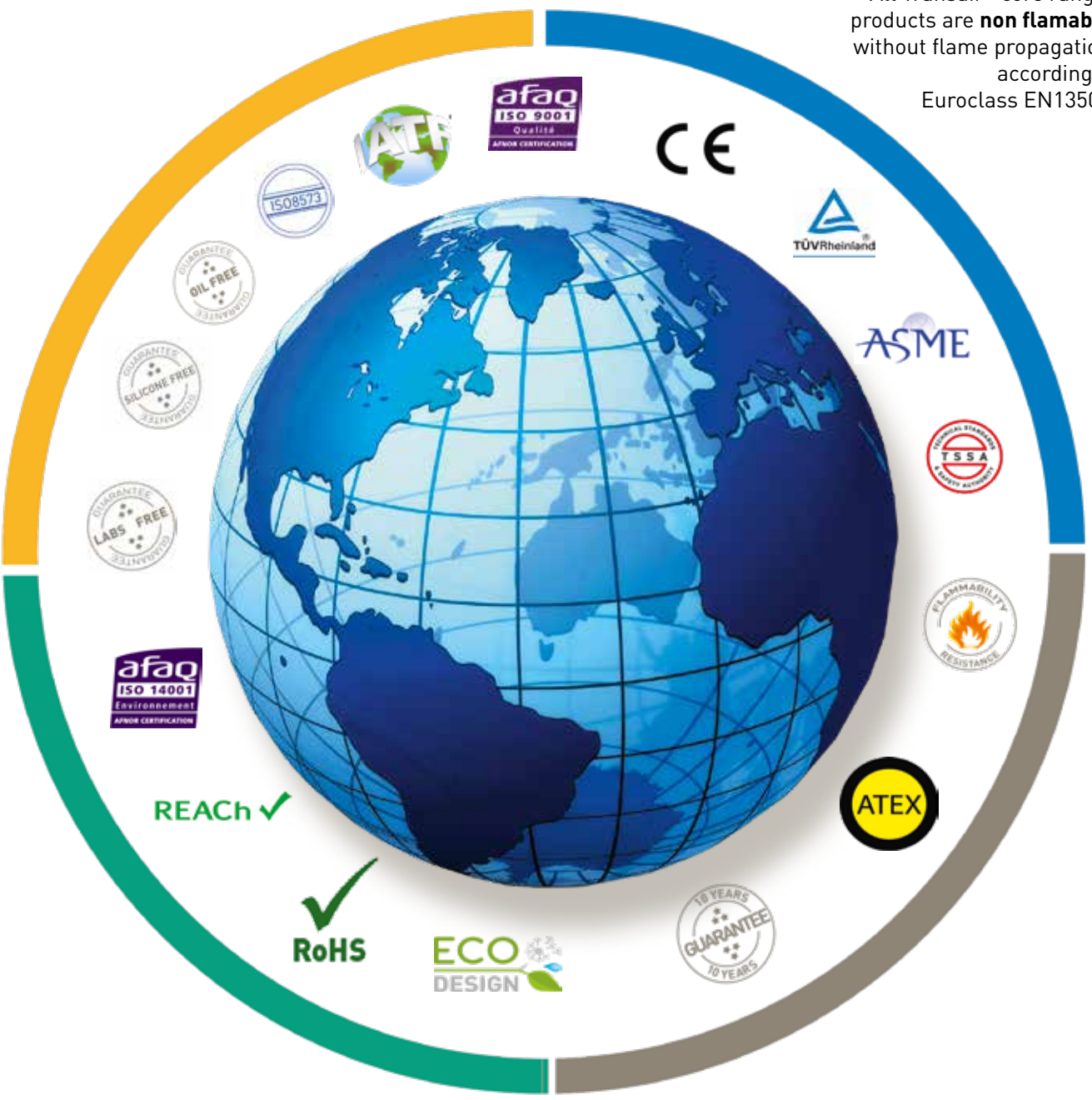
Quality System

- Transair® products are **robust**, **100% tested** and **controlled** in production.
- All products are **marked individually** for **optimum follow-up**.
- Certificates of Origin are available upon request.

Safety First

- Transair® complies with the PED 2014/68/EU and ASME B31.1 ensuring a **high level of safety.**
- Transair® **lightweight**, **modular and flexible** system improves working conditions and **drastically reduce risk of workplace accident.**
- All Transair® core ranges products are **non flamable**, without flame propagation, according to Euroclass EN13501.



Environment

Parker is certified **ISO 14001** for its Environmental Management System.
All Transair® products are in compliance with the **REACH** and **ROHS** directives which limit the use of hazardous substances.

Long Term Commitment

Parker **guarantees** its Transair® products to be **free of defects** for a period of **ten (10) years** from the date of installation.

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