



Transair: Advanced pipe systems

Shielding gases for welding applications

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



ENGINEERING YOUR SUCCESS.

WHY USE CENTRALISED DISTRIBUTION FOR SHIELDING GASES?

You can improve the management of your shielding gases supply by installing a Transair pipe system:

- Having bottles in the workshop requires particular safety measures for storage and handling. Centralising gas bottles will greatly assist their replacement when empty.
- A centralised distribution system will lower the cost of ownership compared to locating gas bottles at each machine.
- A central storage point for shielding gases will also help you to immediately isolate the network and make savings.

> Arc welding applications

- For all MIG (Metal Inert Gas) or MAG (Metal Active Gas) applications.
- For TIG (Tungsten Inert Gas) welding.
- For automated or manual welding.
- Suitable for all kinds of shielding gas (for a full compatibility list, please contact us).

> Transair benefits

- **High quality solution:**
Using Transair will help maintain a clean supply of welding gas; therefore maintaining the quality of your welding process and end product.
- **Optimal sealing:**
A leak free system that will reduce the cost of ownership of your network.
- **Modularity and flexibility:**
Installing a network, adding a machine or the modification of production layouts has never been so easy.
- **Reduced maintenance:**
Makes maintenance operations quicker and easier.
- **Easy identification:**
Transair is available in 3 different colours from stock and, upon request, can be provided in a wide variety of additional colours to help you differentiate your networks.
- **Multifluids solution:**
Transair is widely used for several different industrial applications (compressed air, inert gases, industrial vacuum....)



TRANSAIR: Advanced pipe systems



Aluminium range:

Calibrated aluminium pipes

Qualicoat painted

Diameters (in mm)

16,5 - 25 - 40 - 63 - 76 - 100 - 168

Colours

Available in blue - grey - green
Other colours upon request

Maximum working pressure

16 bar (from -20°C to +45°C) up to 100mm
13 bar (from -20°C to +60°C) for all diameters

Vacuum level

98,7% (13 mbar absolute pressure)

Working temperature

-20° C to 60° C

NBR seals

Compatibilities

Lubricated or oil-free compressed air, industrial vacuum, inert gases.

Stainless steel range:

Stainless steel pipes

AISI 304 or 316L

Diameters (in mm)

22 - 28 - 42 - 60 - 76 - 100

Maximum working pressure

10 bar (from -10°C to +60°C) for all diameters
7 bar (from -10°C to +90°) for all diameters

Working temperature

-10° C to 90° C

EPDM or FKM seals

Compatibilities

Cooling water, industrial water with additives, lubricating oil, compressed air, inert gases.

Certification



TRANSAIR: Tools and services



The Transair Flow Calculator

- defines the recommended diameter for your project
- estimates pressure drops
- gives the maximum flow rate by diameter



The Transair Vacuum Calculator

sizes your vacuum network with the most suitable diameter and with an estimation of the pressure drop.



The Transair Energy Efficiency Calculator

evaluates the energy cost of your network and the return on investment of installing a Transair solution.



CAD drawings

you can view or download in real time Transair product plans in 2D or 3D.



Our Website: www.parkertransair.com

gives you access to extensive information about the Transair solution, technical data, examples of existing networks and a download centre for catalogues, manuals, software and brochures.



Our quotation service

transair.quotation@parker.com

studies on demand your project and gives you a budgeted or detailed quotation for its implementation.

Parker Worldwide

Europe, Middle East, Africa

AE – United Arab Emirates,
Dubai

Tel: +971 4 8127100
parker.me@parker.com

AT – Austria, Wiener Neustadt

Tel: +43 (0)2622 23501-0
parker.austria@parker.com

AT – Eastern Europe, Wiener
Neustadt

Tel: +43 (0)2622 23501 900
parker.easteurope@parker.com

AZ – Azerbaijan, Baku

Tel: +994 50 2233 458
parker.azerbaijan@parker.com

BE/LU – Belgium, Nivelles

Tel: +32 (0)67 280 900
parker.belgium@parker.com

BY – Belarus, Minsk

Tel: +375 17 209 9399
parker.belarus@parker.com

CH – Switzerland, Etoy

Tel: +41 (0)21 821 87 00
parker.switzerland@parker.com

CZ – Czech Republic, Klecany

Tel: +420 284 083 111
parker.czechrepublic@parker.com

DE – Germany, Kaarst

Tel: +49 (0)2131 4016 0
parker.germany@parker.com

DK – Denmark, Ballerup

Tel: +45 43 56 04 00
parker.denmark@parker.com

ES – Spain, Madrid

Tel: +34 902 330 001
parker.spain@parker.com

FI – Finland, Vantaa

Tel: +358 (0)20 753 2500
parker.finland@parker.com

FR – France, Contamine s/Arve

Tel: +33 (0)4 50 25 80 25
parker.france@parker.com

GR – Greece, Athens

Tel: +30 210 933 6450
parker.greece@parker.com

HU – Hungary, Budapest

Tel: +36 1 220 4155
parker.hungary@parker.com

IE – Ireland, Dublin

Tel: +353 (0)1 466 6370
parker.ireland@parker.com

IT – Italy, Corsico (MI)

Tel: +39 02 45 19 21
parker.italy@parker.com

KZ – Kazakhstan, Almaty

Tel: +7 7272 505 800
parker.easteurope@parker.com

NL – The Netherlands, Oldenzaal

Tel: +31 (0)541 585 000
parker.nl@parker.com

NO – Norway, Asker

Tel: +47 66 75 34 00
parker.norway@parker.com

PL – Poland, Warsaw

Tel: +48 (0)22 573 24 00
parker.poland@parker.com

PT – Portugal, Leca da Palmeira

Tel: +351 22 999 7360
parker.portugal@parker.com

RO – Romania, Bucharest

Tel: +40 21 252 1382
parker.romania@parker.com

RU – Russia, Moscow

Tel: +7 495 645-2156
parker.russia@parker.com

SE – Sweden, Spånga

Tel: +46 (0)8 59 79 50 00
parker.sweden@parker.com

SK – Slovakia, Banská Bystrica

Tel: +421 484 162 252
parker.slovakia@parker.com

SL – Slovenia, Novo Mesto

Tel: +386 7 337 6650
parker.slovenia@parker.com

TR – Turkey, Istanbul

Tel: +90 216 4997081
parker.turkey@parker.com

UA – Ukraine, Kiev

Tel: +380 44 494 2731
parker.ukraine@parker.com

UK – United Kingdom, Warwick

Tel: +44 (0)1926 317 878
parker.uk@parker.com

ZA – South Africa, Kempton Park

Tel: +27 (0)11 961 0700
parker.southafrica@parker.com

North America

CA – Canada, Milton, Ontario

Tel: +1 905 693 3000

US – USA, Cleveland

Tel: +1 216 896 3000

Asia Pacific

AU – Australia, Castle Hill

Tel: +61 (0)2-9634 7777

CN – China, Shanghai

Tel: +86 21 2899 5000

HK – Hong Kong

Tel: +852 2428 8008

IN – India, Gurgaon

Tel: +91 124 459 0600
legris.india@parker.com

JP – Japan, Tokyo

Tel: +81 (0)3 6408 3901

KR – South Korea, Seoul

Tel: +82 2 559 0400

MY – Malaysia, Shah Alam

Tel: +60 3 7849 0800

NZ – New Zealand, Mt Wellington

Tel: +64 9 574 1744

SG – Singapore

Tel: +65 6887 6300

TH – Thailand, Bangkok

Tel: +662 186 7000-99

TW – Taiwan, Taipei

Tel: +886 2 2298 8987

South America

AR – Argentina, Buenos Aires

Tel: +54 3327 44 4129

BR – Brazil, Sao Jose dos Campos

Tel: +55 800 727 5374

CL – Chile, Santiago

Tel: +56 2 623 1216

MX – Mexico, Apodaca

Tel: +52 81 8156 6000

European Product Information Centre

Free phone: 00 800 27 27 5374

(from AT, BE, CH, CZ, DE, DK, EE, ES, FI,
FR, IE, IL, IS, IT, LU, MT, NL, NO, PL, PT, RU,
SE, SK, UK, ZA)

Fluid System Connectors Division Europe Transair Business Unit

CS 46911 - 74 rue de Paris

35069 Rennes - France

phone : + 33 (0)2 99 25 55 00

fax : + 33 (0)2 99 25 56 47

transair@parker.com

www.parkertransair.com

