

Copper tube joined using copper brazed fittings is the preferred material for medical gas systems which transport gases such as oxygen, nitrous oxide, nitrogen, carbon dioxide and medical air around hospitals. Medical Gas fittings are utilised extensively in the infrastructure of accident and emergency units, outpatient and inpatient wards, as well as operating theatres and maternity units.

Conex Bänninger Medical Gas copper fittings have been scientifically proven to assist in killing pathogenic microbes in the medical, pharmaceutical, medical gas, food preparation and other health sensitive areas.



Product range

Slip Coupling



MG 600

From: 12mm
To: 22mm

Straight Coupler



MG 601

From: 8mm
To: 159mm

Fitting Reducer



MG 601-2

From: 10 x 8mm
To: 159 x 108mm

Reduced Coupler



MG 601-R

From: 12 x 8mm
To: 159 x 108mm

45° Elbow



MG 606

From: 12mm
To: 159mm

90° Bend



MG 607

From: 15mm
To: 159mm

Elbow



MG 607-2

From: 8mm
To: 54mm

90° Elbow



MG 607-2

From: 67mm
To: 76mm

Street Elbow



MG 607-2

From: 12mm
To: 42mm

Equal Tee



MG 611

From: 8mm
To: 159mm

Tee Reduced Branch



MG 611 RB

From: 35 x 35 x 22mm
To: 159 x 159 x 108mm

Tee Reduced End



MG 611 RE

From: 28 x 22 x 28mm
To: 22 x 15 x 22mm

Stop End Cap



MG 617

From: 12mm
To: 54mm

Straight Adaptor



MG 704

28 x 1mm

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Conex Banninger products are approved by numerous Standards Authorities and Certification Bodies. This is a representation of the full range from Conex Universal Ltd. IBP trademarks are registered in numerous countries. More information online at: www.conexbanninger.com

Medical Gas



Specialist brazed fittings for health sensitive applications.

Medical Gas

Independently certified for cleanliness

Conex Bänninger Medical Gas fittings are independently tested and certified for cleanliness. To give you complete peace of mind, the fitting is capped and sealed, and cleaned in accordance with BOC/MEDAES 3000000 specification. Each fitting is degreased on the surface to below 0.01 mg/cm² of hydrocarbons contamination and complies with the HTM 02-01 Medical Gas pipeline regulations.

Protective packaging

Fittings are individually bagged and sealed in clear, protective, polythene in accordance with BOC/MEDAES 3000000 specification. Each bag is labelled with the degreased specification, product code and product batch number. For fabricated or bespoke requirements, fittings are cleaned to the same exacting specification.

A strong, reliable joint

Medical Gas is designed for brazing applications, and is the only type of copper-to-copper jointing method allowed on medical sites. The process ensures that the joint is as strong as the parent metal, and is able to withstand highly demanding conditions. As with any brazing fitting, the jointing method uses the principle of capillary attraction to ensure a mechanically strong, leak-proof joint.

Anti-microbial

Medical Gas fittings are manufactured from copper and red brass materials, which carry the inherent attribute of being able to kill a wide range of harmful microbes rapidly, making them the perfect choice for use in medical applications.

Applications

Medical Gas is manufactured specifically for use in the healthcare industry including accident and emergency units, outpatient and inpatient wards as well as operating theatre suites and maternity units.

Tube compatibility

Medical Gas fittings are intended for connecting tubes in accordance with EN 12735-1+A1 and EN 13348 standards.

Size availability

Medical Gas fittings are available in sizes 6 - 159 mm.

Temperature range

Working temperatures for Medical Gas fittings range between -20° and 200°C.

Standards and approvals

For full details of standards and approval, please refer to our website.

Guarantees

Medical Gas fittings offer a product guarantee of 25 years. For full details about product guarantees' please visit our website for more details.

Installation Instructions



Installation demonstrations
videos are also available
on our youtube channel