
Round ducting



Round ducting

Pressed, folded

PRODUCT RANGE

Round ducting components are part of the ducting system in central ventilation systems and are suitable for optimised air flow. The BerlinerLuft. round duct and fitting system is available with or without lip seals, in a complete range of galvanised steel, stainless steel or aluminium.

Technical features

The round ducts and fittings comply with DIN EN 12237 and DIN EN 1506. The slip joint system with sealing lips is suitable for achieving tightness class D. This means that the hygiene requirements of VDI 6022 can be met in full. The static pressure limit is +2000 Pa, -750 Pa.

Design

Round fittings up to DN 250 are generally pressed parts. Nominal diameters above this are folded.

Material

The choice of material depends on the type of air carried (e.g. normal room air, dusty process air or air polluted with chemicals). The following are available:

Galvanised steel

Stainless steel

Aluminium

Sheet thicknesses

Depending on whether the components are pressed or folded, sheet thicknesses between 0.5 and 1.25 mm are available.

Connection systems

The standard type of connection is the slip joint. This type of connection should be preferably used for nominal diameters up to 630. Nominal diameters above this usually have METU flanges with clamp rings. In special cases, a recessed flange connection can be used. The flanges correspond to DIN 24154 series 1 or 2.

PRODUCT RANGE

Our complete range of ducting in all sizes and dimensions can be found in the latest BerlinerLuft. price list.*

Galvanised spiral tubes

Galvanised longitudinal seam-welded ducts

Galvanised fittings with and without lip seals

Stainless steel spiral tubes

Stainless steel longitudinal seam-welded ducts

Stainless steel fittings with and without lip seals

Flexible tubes made of aluminium, stainless steel, galvanised steel and plastic

Soundproofing systems - flexible aluminium silencers

Assembly / pre-assembly

Round fresh air and exhaust air systems

Round galvanised cowls

Galvanised intake and discharge bends

Galvanised roof collars and flashing

Round stainless steel cowls

Stainless steel roof collars and flashing

Galvanised insulated tubes

Galvanised insulated spiral tubes and fittings 25/50 mm

Installation material and accessories

* The price list is available on the internet at www.berlinerluft.de/luftfuehrung or as a printed version.

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- 1 | Spiral tubes
- 2 | Bends
- 3 | Reducers
- 4 | Branches
- 5 | Connectors
- 6 | Dampers
- 7 | Discharge outlets
- 8 | Flexible tubes
- 9 | Flexible silencers
- 10 | Jet caps
- 11 | Louvred cowls

BerlinerLuft. manufactures its products using the high-quality Spiro® System. Detailed information on each product and the system certifications can be found in the technical information from Spiro. It can be downloaded from www.berlinerluft.de/luftfuehrung