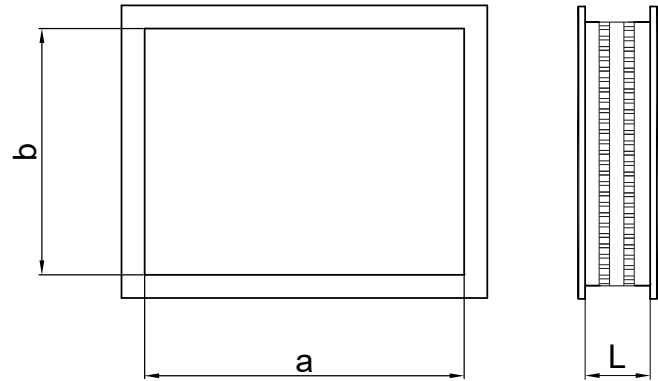


Rectangular flexible duct connector

QILA



Dimensions



Description

Flexible duct connector for rectangular ducts and elements. It is made of PQ flange channel and NQ corners interconnected by AMT flexible connection. Rectangular flexible duct connectors can be used to join ventilation ducts but above all it is used to eliminate vibrations caused by air handling units and fans. The design of the AMT flexible duct connector (a joint consisting of a layer of fabric and two strips of sheet metal on both sides) ensures very good airtightness.

Available materials

- QILA-..... - galvanized steel sheet, PVC coated fabric
- QILA- -HI-T-..... - galvanized steel sheet, silicone coated fabric
- QILA-PU-..... - galvanized steel sheet, polyurethane (PU) coated fabric
- QILA-K-PU-..... - stainless steel polyurethane (PU) coated
- QILA-NEP-..... - galvanized steel sheet, neoprene coated fabric

Example identification

Product code: **QILA-PU - aaa - bbb - ccc**

type _____

length _____

width a _____

height b _____

Max. width a: 2500 mm.
Max. height b: 2500 mm

Standard lengths - L - of the flexible duct connector: 130, 150 or 240 mm
(depending on the AMT flexible connection used for production)

Technical Data

	Temperature range	Characteristics
PVC	-30 °C / +80 °C	General use, economical choice
Silicone (HI-T)	-30 °C / +260 °C	Resistance to high temperatures, high resistance to aging, weather conditions and chemical substances
Polyurethane (PU)	-30 °C / +180 °C	High abrasion resistance
Neoprene	-30 °C / +180 °C	Synthetic rubber, suitable for outdoor use, High resistance to alkalis and petrol.

AMT flexible connection used for flexible duct connectors' production was tested at 400 °C for 2 hours (PU and HI-T material). None of the tested flexible duct connectors suffered mechanical damage due to the heat treatment.