

# Flexible duct connector with male ends

## ILA-NSL



### Description

Flexible anti-vibration duct connector is used for joining two spiral or plain round ducts. It has male ends and is equipped with a seal. The flexible part is made of AMT flexible duct connector - a joint consisting of a fiberglass cloth, coated with of PVC, polyurethane, neoprene or silicone coating and two strips of sheet metal on both sides. The flexible connector effectively suppresses the vibration in the ductwork and ensures very good airtightness. There are also available flexible duct connectors with increased temperature resistance.

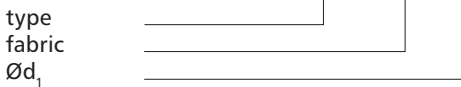


#### Available materials:

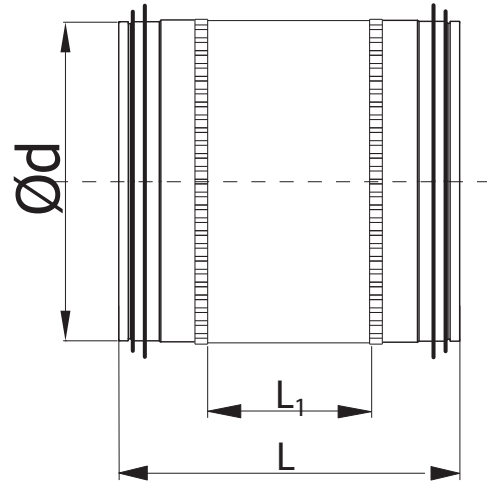
- ILA-NSL-PVC-... - galvanized steel sheet, PVC coated fabric
- ILA-NSL-HI-T-... - galvanised steel sheet, silicone coated fabric
- ILA-NSL-PU-... - galvanised steel sheet, polyurethane (PU) coated fabric
- ILA-NSL-NEP-... - galvanised steel sheet, neoprene coated fabric

#### Product code example

Product code: **ILA-NSL - aaa - bbb**



### Dimensions



$\text{Ø}d_1$ [mm]	$L$ [mm]	$L_1$ [mm]
80	100	203
100	100	203
125	100	203
140	100	203
150	100	203
160	100	203
180	100	203
200	100	203
224	100	203
250	100	203
280	100	203
300	100	203
315	100	203
355	100	203

Other sizes (L,L<sub>1</sub>) on request.

### Technical Data

	Temperature ranger	Gasket	Characteristics
PVC	-30 °C / +80 °C	EPDM	General use, economical choice
Silicone (HI-T)	-30 °C / +260 °C	Silicone (red)	Resistance to high temperatures , high resistance to aging, weather conditions and chemical substances
Polyurethane (PU)	-30 °C / +180 °C	Silicone (red)	High abrasion resistance
Neoprene	-30 °C / +180 °C	Silicone (red)	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 connectors suffered mechanical damage due to the heat treatment.