

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.

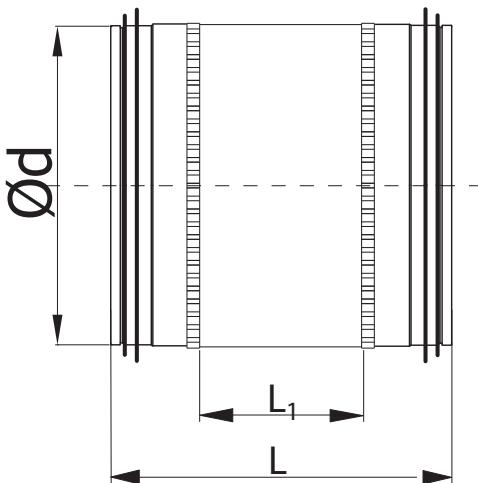
**Available materials:**

- | | |
|------------------|---|
| 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**

| | |
|-------------------|----------------------|
| type | <input type="text"/> |
| fabric | <input type="text"/> |
| $\varnothing d_1$ | <input type="text"/> |

Dimensions

| $\varnothing d,$ [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_1) 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.