SHAPE YOUR IDEAS
MAT

KLIMAFLEX SB

Flexible plastic ducts for air-distribution systems

KLIMAFLEX SB flexible plastic ducts are designed for air ducts, air-distribution equipment and heat recovery systems. The inner walls of the ducts are treated with a protective antibacterial and antifungal coating, which ensures hygienic protection against bacteria and mould. The ends of the rolls are fitted with caps to prevent dirt from getting into the ducts.

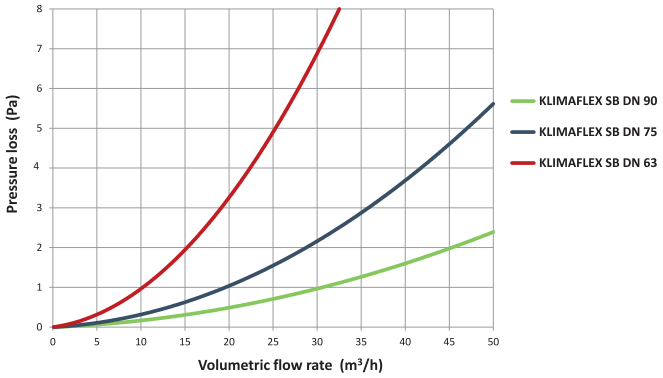
The design and properties of **KLIMAFLEX SB** flexible plastic ducts assure perfect transport of air and low pressure losses.

The ducts are designed in accordance with ČSN EN 17192. They are tested pursuant to ČSN EN ISO 846:98, methods A,C.

outer diameter	inner diameter	bend radius	roll length
mm	mm	m	m
63	51	0,15	50
75	62	0,15	50
90	75	0,15	50
160*	136	0,43	25
200*	171	0,50	25

* Production on order (delivery time and quantity to be agreed)

Pressure loss diagram / 1m



Material

- Outer wall made from PE.
- Inner wall made from PE + antibacterial and antifungal additive.

Ducts colours

- Outer wall - blue, green or white.
- Inner wall - white.

Temperature resistance

- Installation temperature: of -5 °C to +50 °C.
- Operation temperature: of -20 °C to +50 °C.
- Storage temperature: of -40 °C to +60 °C.

Handling

- The low weight of KLIMAFLEX SB flexible plastic ducts makes them easy to transport and simple to install.
- Protect the ends of pipes against dust and dirt by fitting end caps after installation and before starting operation.

Transport

- When loading and unloading the pipes it is essential to prevent any mechanical damage or distortion of the plastic ducts.

Storage

- Rolls must be stored in a horizontal position and only for the shortest time necessary, maximum 3 months.
- The ducts must be kept out of direct sunlight.

KLIMAFLEX SB KLIMAFLEX SB