

Flexible plastic ducts for air-distribution systems **KLIMAFLEX SB**



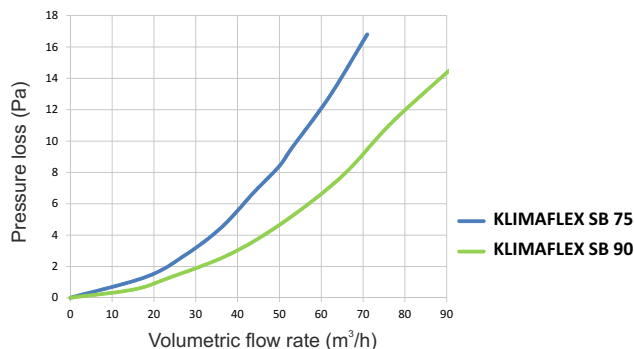
KLIMAFLEX SB flexible plastic ducts are designed for air ducts, air-distribution equipment and heat recovery systems. The inner walls of the ducts are treated with a protective antibacterial and antifungal coating, which ensures hygienic protection against bacteria and mould. The ends of the rolls are 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 61386-24. They are tested pursuant to ČSN EN ISO 846:98, methods A,C. Compression test at 450 N/ 200 mm.

outer diameter	inner diameter	bend radius	roll length
mm	mm	m	m
63	51	0,26	50
75	61	0,29	50
90	75	0,33	50
160	136	0,43	50
200	171	0,50	25

Pressure loss diagram / 1m



Material

- Outer wall made from PE-HD.
- Inner wall made from PE-LD + antibacterial and antifungal additive (∅ 63 mm) or from PE-HD + antibacterial and antifungal additive (∅ 75-200 mm).

Ducts colours

- Outer wall - blue or green.
- Inner wall - grey or 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.

Packaging

- Individual rolls are wrapped in protective PE.

Handling

- The low weight of KLIMAFLEX SB flexible plastic ducts makes them easy to transport and simple to install.

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 up to a max. height of 2 m and only for the shortest time necessary, maximum 3 months.
- The ducts must be kept out of direct sunlight.

