

Semi-rigid ducting

FLX-HDPE/FLX-HDPE-A



Description

FLX-HDPE and FLX-HDPE-A plastic ducts are used to air distribution in domestic ventilation systems. Relatively small diameters allow to hide the installation in ceilings, screeds or suspended ceilings. In addition, the FLX-HDPE-A ducting has antimicrobial properties in accordance with the **ISO22196: 2007 standard**.

FLX-HDPE and FLX-HDPE-A semi-rigid ducts are connected to other system components like plenum boxes or distribution boxes with a simple push fit connection. Application of seals on the FLX-PLO plenum boxes' spigots guarantees high air tightness system.

FLX-HDPE and FLX-HDPE-A semi-rigid ducting is made of high-impact polyethylene. This makes the entire ventilation ductwork very durable.

Mechanical strength rating: 450 N.

The smooth-bore ducting provides very low pressure losses.

Temperature resistance: combustible; softening point at 130°C, flash point at 350°C.

Fire resistance class: B2.

Operating temperature: -20°C +60°C

The semi-rigid ducting is delivered in 50-metre long coils.

Dimensions of the coil:

FLX-HDPE-63/FLX-HDPE-A-63: 1200cm x 40cm

FLX-HDPE-75/FLX-HDPE-A-75: 1100cm x 40cm

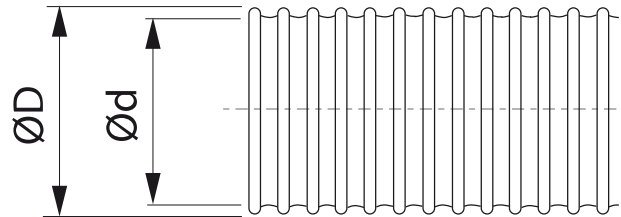
FLX-HDPE-90/FLX-HDPE-A-90: 1400cm x 50cm

Product code example

Product code: **FLX - HDPE - 75**

type _____
material _____
diameter _____

Dimensions



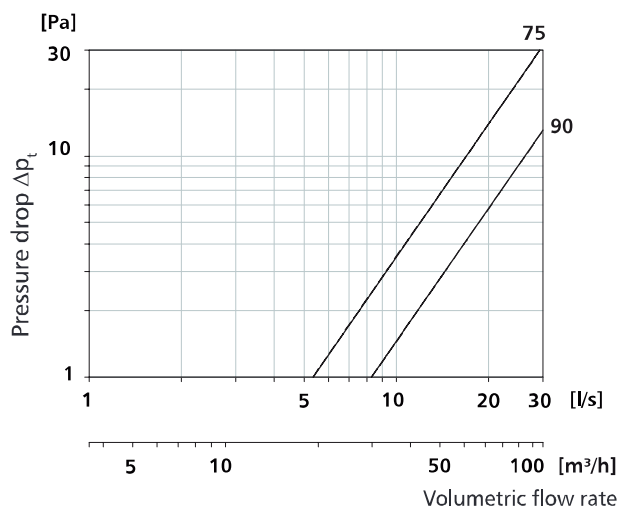
Product code	ØD [mm]	Ød [mm]	Bend radius [m]	Weight [kg]
FLX-HDPE-63	63	51	0.26	0.26
FLX-HDPE-A-63	63	51	0.26	0.26
FLX-HDPE-75	75	63	0.29	0.31
FLX-HDPE-A-75	75	63	0.29	0.31
FLX-HDPE-90	90	75	0.33	0.42
FLX-HDPE-A-90	90	75	0.33	0.42

Semi-rigid ducting

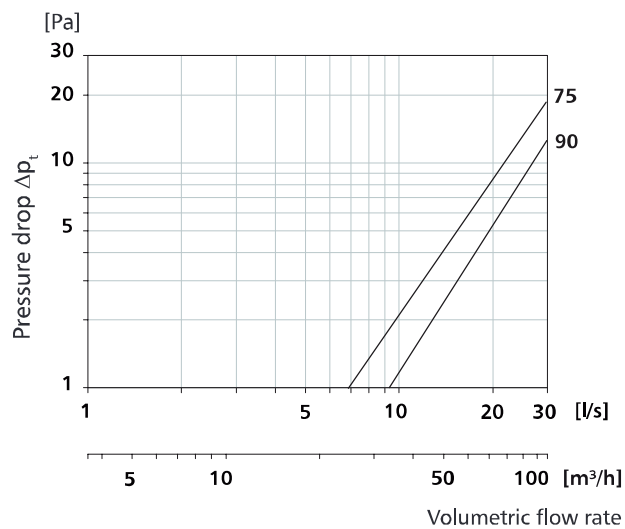
FLX-HDPE/FLX-HDPE-A

Technical data

Straight section (length: 1.0 m)



45° bend (length: 0.5 m)



90° bend (length: 0.5 m)

