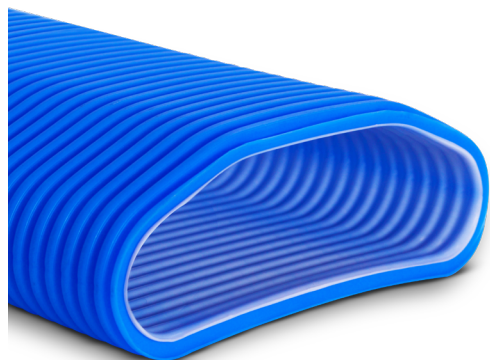


Semi-rigid HDPE oval ducting for single-family home ventilation systems

FLX-HDPE-132-52



Description

FLX-HDPE-132-52 semi-rigid, oval ducts are intended for ventilation systems in single-family housing projects. FLX-HDPE-132-52 is made of HDPE (high-density polyethylene), a material with crush resistant construction and flexible enough for easy ductwork routing. The 20-metre sections help minimize the number of joints to improve the overall installation airtightness. This is a perfect duct for air distribution in single-family home ventilation systems laid on concrete floors within home insulation voids. The semi-rigid, oval ducting, plenum boxes and fittings make a perfect MHRV system with heat recovery unit. The ducts are joined with the plenum box by fitting onto the male connection ends.



FLX-CS-PVC-132-52 end cap is used for fitting inside the duct, e.g. during the ductwork installation on the construction site - it effectively protects against contamination of the interior of the ducts.

Mechanical compressive strength: 450 N

Antibacterial coating as per ISO 22196:2007
Effective against: Staphylococcus aureus, Escherichia coli

Lifetime of the antibacterial coating: 30 years

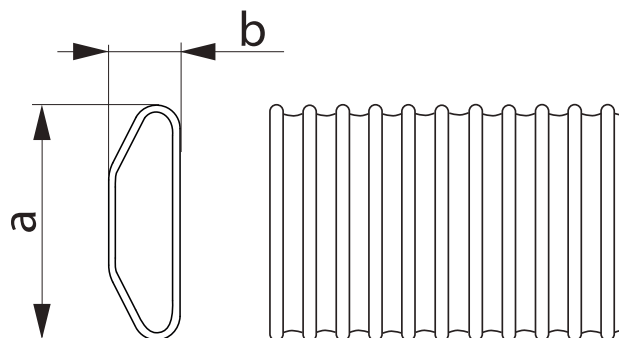
Temperature resistance: combustible; softening point at 130°C, flash point at 350°C, class B2.

Product code example

Product code: **FLX - HDPE - 132-52**

type _____
material _____
dimension _____

Dimensions



Product code	a [mm]	b [mm]	a _{wewn} [mm]	b _{wewn} [mm]	Bending radius [cm]	
					vertical	horizontal
FLX-HDPE-132-52	132	52	122	38	15	30

Technical data

Pressure loss chart for 1-metre long duct

