



## NON-INSULATED PE FLEXIBLE AIR DUCTS



## PEAFS

- PEAFS non-insulated PE(Polyethylene) flexible air ducts are specifically produced for low and medium pressure heating, cooling, ventilation, air conditioning, exhaust and dust extraction systems.
- PEAFS is highly resilient and can be used in applications with excessive vibration and/or perpetual motion systems.
- PE flexible air ducts are airtight.
- PEAFS is manufactured from hardwearing PE strip reinforced with high tension steel spring wire.
- PEAFS is highly elastic and flexible. It can be easily fitted to circular, oval or rectangular connectors.

### PROPERTIES & ADVANTAGES

#### PE CONSTRUCTION

- High vibration resistance
- Suitable for dust/particle transport
- Impermeable to UV rays
- Resistant to chemicals

#### HIGH TENSION STEEL WIRE

- High durability
- High resistance to deformation
- Easy to install

#### FLEXIBLE & SEAMLESS CONSTRUCTION

- Easy to store
- Easy to transport
- Low installation cost
- High resistance to wear and tear
- Airtight
- Low operation and maintenance costs
- Smooth inner surface



## TECHNICAL PROPERTIES

TYPE	PEAFS
Construction	1 ply PE
Nominal Thickness	100 micron
PE Color	Black
Available Diameters	Ø 52 mm - Ø 800 mm
Temperature Range	-30 °C / +70 °C
Air Velocity	20 m/s (max)
Operating Pressure	2000 Pa (max)
Standard Length	10 m
Packing	Single cardboard box
FIRE CERTIFICATE	
Italy	CSI Class 1

### Available on request

- Customized lengths
- Private label
- Plastic bag packing
- Bulk packing
- Net packing

## ALTERNATIVE CONSTRUCTIONS

PRODUCT NAME	DIFFERENCE FROM THE STANDARD TYPE
PEAFS RECTANGULAR	Rectangular in shape