



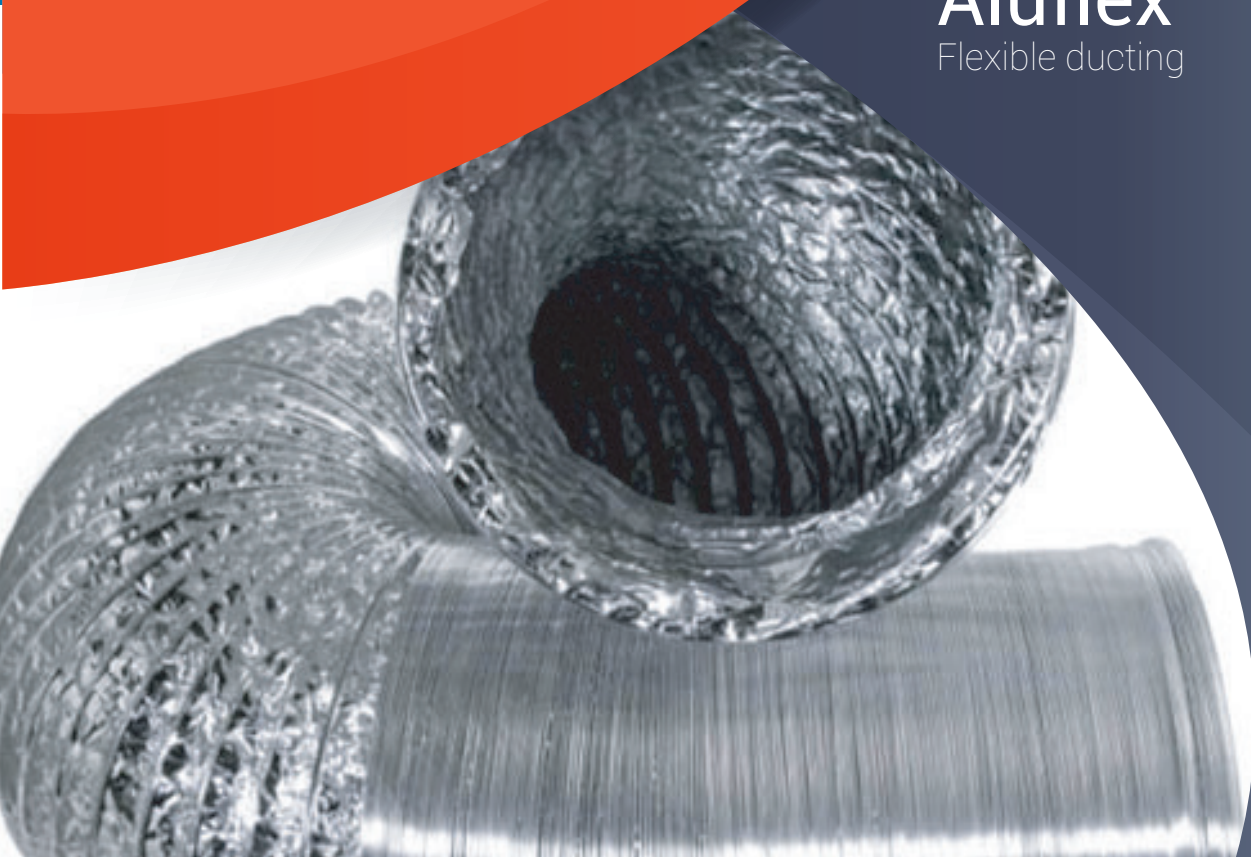
AFRICA AIRCONDITIONING & INSULATION SYSTEMS

YOUR ONE STOP HVAC SUPPLIER

TECHNICAL CATALOGUE

Aluflex

Flexible ducting



ALUFLEX

The Aluflex core is a fully flexible aluminium and polyester laminate duct consisting of 2 layers of 10 micron aluminium and 1 layer of 12 micron polyester giving it a total thickness of 47 micron. A high carbon spring steel wire is encapsulated in these layers to give the flexible its body.

Aluflex is manufactured using AL-PET (laminated foil and polyester terephthalate) and a heavy duty steel core. This flexible is an un-insulated high quality product that can be used on a wide range of ventilation and air-conditioning systems. It is strong and durable this enabling the installer to be able to work with it without any fear of de-lamination or separation. This flexible has been tested and received SANS 10177-3:2005 Class 3 fire rating.



APPLICATION

The Aluflex flexible ducts are used in ventilation, air conditioning, and air handling systems where high mechanical strength, temperature and fire resistance is required.

TECHNICAL DATA

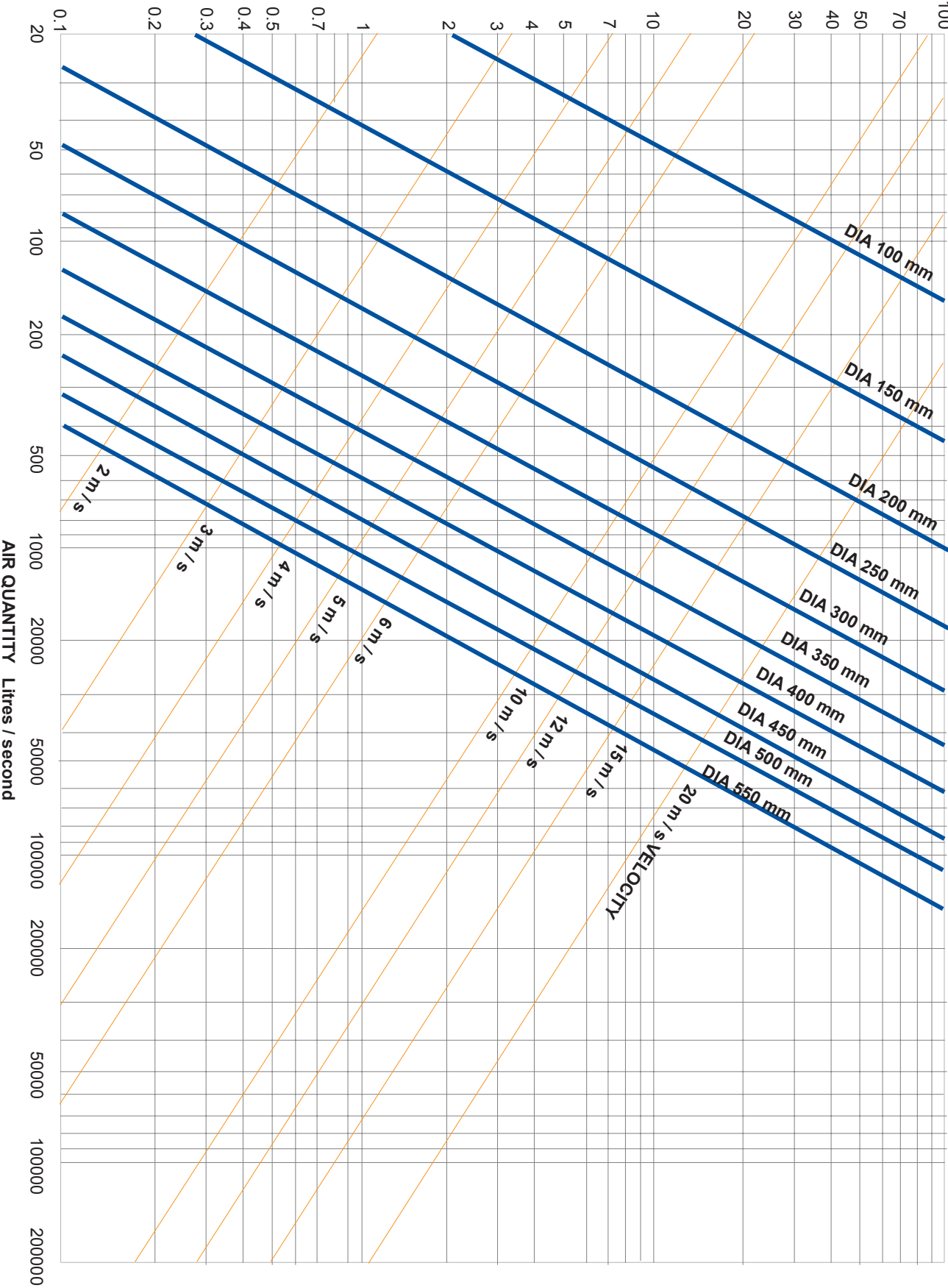
Diameter Range:	102 mm to 559 mm
Temperature Range:	– 30 °C to + 140 °C
Air Velocity:	Up to 30m/s
Pressure range:	Max 2000Pa
Bent radius:	1.5D (1.5 times the diameter)
Fire Rating:	SANS 10177-3.2005 Class 3 Fire Rating

Fire Safety: Aluflex plain and Aluflex insulated have been tested under SANS 10177 Part 3. The Aluflex plain has a class 1 rating and the Aluflex insulated has a class 2 fire rating.

Lengths: Standard lengths are 10 meters, other lengths are available on request.

Packaging: The Aluflex plain is shrunk down from 10m to 30cm and the Aluflex insulated is shrunk down to 100cm and then placed in a colour coded plastic bag.

PRESSURE DROP Pa / m



STOCKIST OF :

- » Grilles & Diffusers
- » Sheet Metal Products
- » Insulation Products
- » Dampers
- » Flexible Ducting
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- » Fans
- » Adhesives & Sealants
- » Duct Board
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- » Copper Insulation



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