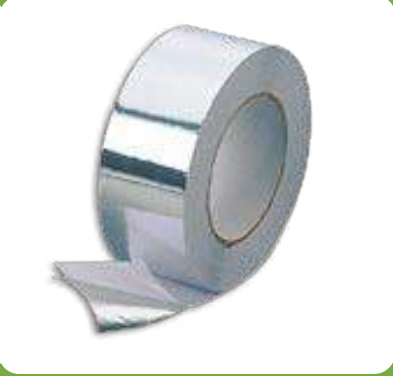


# CENFLEX

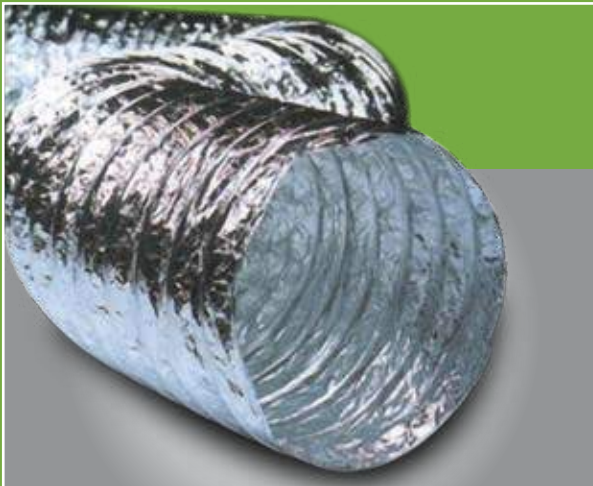


## Flexible Duct & Sealant



PSB TEST  
Conforms to  
BS476 Parts 6 & 7

# CENFLEX



NON-INSULATED  
ALUMINIUM FLEXIBLE  
AIR DUCTS

**CENFLEX non-insulated aluminium flexible air ducts** are specifically produced for low and medium pressure heating, cooling, ventilation, exhaust and air conditioning systems.

Airtight **CENFLEX non-insulated aluminium flexible air ducts** are produced from multi layer aluminium strengthened with high tension hard steel spring wire.

**CENFLEX non-insulated aluminium flexible air ducts** have high elasticity and flexibility. They can be easily fitted to circular, oval or rectangular connectors.

The fire resistance of **CENFLEX non-insulated aluminium flexible air ducts** has been tested and certified by various international bodies. In case of fire no toxic or poisonous gases are released.

## TECHNICAL PROPERTIES

	CENFLEX	CENFLEX - F
Construction	Aluminium	Aluminium
Glass wool thickness	Nil	25 mm - 50 mm
Glass wool Density		16kg/m <sup>3</sup> ~ 32kg/m <sup>3</sup>
Available Diameters	75 mm - 1200 mm (3.5" - 48")	75 mm - 1200 mm (3.5" - 48")
Temperature Range	-30° C / +140° C	-30° C / +140° C
Air velocity	30 m/s (Max.)	30 m/s (Max.)
Operating Pressure	2500 Pa (Max.)	2500 Pa (Max.)
Standard Length	10m	10 m
Packing	Carton Box	Carton Box
Fire Resistance	Non - Flammable	Non - Flammable

## PROPERTIES & ADVANTAGES

### ALUMINIUM LAMINATED BODY

- Fire resistant
- 100% Non-flammable
- Impermeable to UV rays
- Highly resistant to UV rays
- 98% reflective
- Resistant to chemicals
- Maintenance free

### HIGH TENSION STEEL WIRE

- Highly durable
- Highly resistant to deformation
- Easily installed

### GLASS WOOL INSULATION

- Heat resistant (Certified)
- Minimal energy loss
- Perfect insulation property
- Non-condensation

### FLEXIBLE & SEAMLESS CONSTRUCTION

- Easy storage
- Easily transported
- Low installation cost
- High resistance to wear and tear
- Airtight
- Low energy consumption
- Low operational and maintenance costs

### ALUMINIUM LAMINATED OUTER JACKET

- Fire resistant (Certified)
- High resistance to wear and tear
- Impermeable to UV rays
- Highly resistant to UV rays
- 98% reflective
- Resistant to chemicals
- Maintenance free



ALUMINIUM LAMINATED  
INNER AND OUTER  
JACKET

### SMOOTH INNER SURFACE

- Minimal pressure loss
- Low operational cost
- Anti-static/ Dust proof interior

## PRODUCT OVERVIEW

AISEAL Glass & Metal Sealant is a One - component, neutral cure silicone sealant formulated to give superior adhesion and durability in a wide range of glazing, weather sealing, and trade applications . It has excellent resistance to weathering, UV radiation, vibration, moisture, ozone, temperature extremes, airborne pollutants, and many cleaning detergents and solvents.

Ideal to use on a wide range of glazing, weather sealing, and other applications, including sealing metal lap joints in roofing, guttering, and cladding applications. It can bond to most common building materials (aluminum, galvanized steel, painted surfaces, glass, concrete, etc.)



## TECHNICAL PROPERTIES

Curing system	: Oxime	
Density	: 0.99 g/mL	: 1.34 g/mL
Slump (ASTM D2202)	: ≤1 mm	: ≤1 mm
Maximum tensile strength (ASTM D412)	: 1.3 N/mm <sup>2</sup>	: 1.3 N/mm <sup>2</sup>
Elongation (ASTM D412)	: 380 %	: 320 %
Shore A hardness (ASTM C661)	: 23	: 37
Movement capability (ASTM C719)	: ±25%	: ±25%
VOC content	: 108.95 g/L	: 88.10 g/L

## ADHESIVE SEALANT

Aqua Nails is a one-component, high performance, paste-like construction adhesive sealant formulated to bond a variety of common construction materials. It has strong initial grab, superior adhesion and will not slump on vertical surfaces. It is suitable for both in door and outdoor use. Ideal for bonding most construction materials: wood, particleboard, metal, concrete, fibre-reinforced cement board, ceramics, bricks, flooring panels. Can be used on polystyrene and mirror.

### Technical Data

Curing system	: Solvent evaporation
Density	: 1.16 g/mL
Solid content	: 77 %
Lap shear strength (ASTM D1002)	: 3.2 N/mm <sup>2</sup> (Wood-to-wood)
Freeze/Thaw stability	: 5 cycles

## Applications

Ideal for bonding most construction materials: wood, particle board, metal, concrete, fibre-reinforced cement board, ceramics, bricks, flooring panels. Can be used on polystyrene and mirror.

## Features:

- ✓ Mirror and polystyrene safe
- ✓ Superior adhesion on most substrates
- ✓ Strong initial grab
- ✓ Non-drip paste

Available colour: Brown

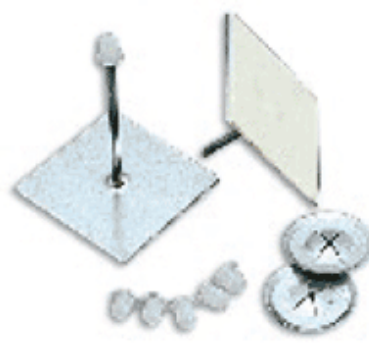
Product Code	Content	Carton Quantity
AS-5000	300 ml / Cartridge	24 / Carton







✓ **Construction adhesive**



✓ **Self Adhesive Pins**

✓ **Welding Pins**



✓ **Casting Pins**



✓ **Flexible Connector**



✓ **Neutral cure Silicone sealant**

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