

KM-ENFLEX™

Flexible Duct



KM-EnFlex™ Flexible Duct is a durable, light-weight, flexible duct constructed from a multiple-layered aluminium, polyester laminate.

Flexible bare duct is fully encapsulated with a unique type of insulation bonded with ECOSE Technology which achieves not only fire retardancy but also excellent energy efficiency and produce high indoor air quality.

KM-EnFlex™ Flexible Duct is ideal for usage in medium and low-pressure HVAC systems and is exceptionally suited for usage in indoor areas which requires clean air (i.e. hospitals, schools, underground sub-stations)

CHARACTERISTICS

Product Features

- Insulation saves energy and reduce carbon generation
- Bonded with ECOSE Technology
- Free from Phenol and formaldehyde found in normal glasswool which results in high indoor air quality
- Product made from Eco-Friendly materials
- Maintains full diameter on bends, highly flexible and lightweight, resilient and tough, fire retardant

Air Velocity

Max 25 m/second

Max Working Pressure

2.5 kpa

Temperature Range

-20 °C to +120 °C

Thermal Resistance for insulated Ducts

1"1LB (0.641m² K/W)

1"2LB (0.785m² K/W)

2"2LB (1.515m² K/W)



Fire Retardant

Achieved BS 476 Pt 6 & 7
Class O Standards
(COC Available)



Goods Manufactured in Singapore

KM-EnFlex™ Flexible Duct (Sizes)					
100 mm (4")	150 mm (6")	200 mm (8")	250 mm (10")	300 mm (12")	350 mm (14")
All KM-EnFlex™ Flexible Ducts are 10 m Length except for 2"2LB Ducts which are 5 m Length					
1LB/2LB Natural Glasswool are used for all KM-Enflex™ Flexible Ducts					



Kenmech (Asia) Marketing Pte Ltd

T: (65) 6743 2788 F: (65) 6745 7339 M: (65) 9187 1879
E: Asia.Kenmech@gmail.com
www.Kenmech.com.sg
Blk 1031, Eunus Avenue 6, #01-49
Singapore 409626

Disclaimer: The information contained in this document is believed to be accurate at the date of publication. KENMECH does not accept responsibility for the results of using the product in applications different from those described above.

