

PROFLEX AIRE – FLEXIBLE DUCT

Model: PA-FLEXIBLE

PA-FLEXIBLE is highly thermally insulated flexible ducting which is designed for ventilation and air-conditioning systems ductwork and to minimize the temperature difference between the air flowing in the duct and the surrounding air. PA-FLEXIBLE inter layer is made of aluminium laminate and reinforced by high tensile spring steel wire and externally with fire rated aluminium foil paper.



The PA-FLEXIBLE is insulated with fiberglass of nominal density between 23kg/m³ to 41 kg/m³ and thickness between 25mm and 50 mm. Standard Length of 10m long for 25mm thick fiberglass & 6m long for 50mm thick fiberglass. Size available from 100mm to 500mm at interval of 50mm

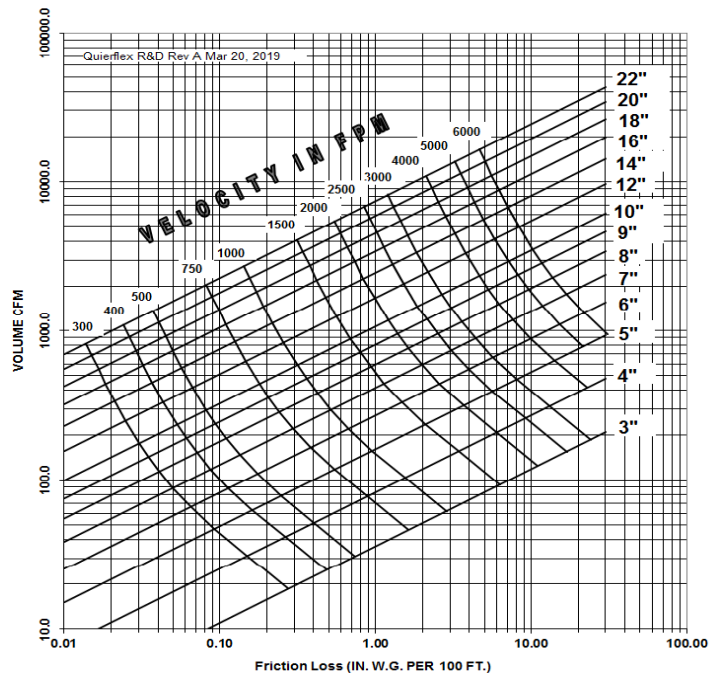
Product Benefit:

- Class “O” Rated as per BS 476 Part 6 & 7 under TUV SUD PSB PTE LTD
- Low thermal conductivity, K value at 0.033 W/mK.
- Available as both bare dure and pre-insulated duct
- Strong and non-corrosive wire is used as the internal support to maintain the full diameter and for smoother air flow inside the ductworks.
- Easily corrects for misalignments during installation and ease for relocation of the diffusers
Recommend to have a maximum length of 1.5m to 2.5m long each extension for best air performance.
- Fast and easy to install
- Can cut and joined easily

Recommend CMH

| Diameter | CMH Range |
|----------|-----------|
| 150 dia | 0-180 |
| 200 dia | 181-380 |
| 250 dia | 381-595 |
| 300 dia | 596-850 |
| 350 dia | 851-1190 |
| 400 dia | 1191-2350 |

Flexible Duct Friction Loss



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