

## TECHNICAL DATA SHEET



Flexible hose made from addivated polyolefin resin film and anti-bacterial/anti-mildew master and steel wire helix. Lengths: from 10 m standard.

### CERTIFICATIONS

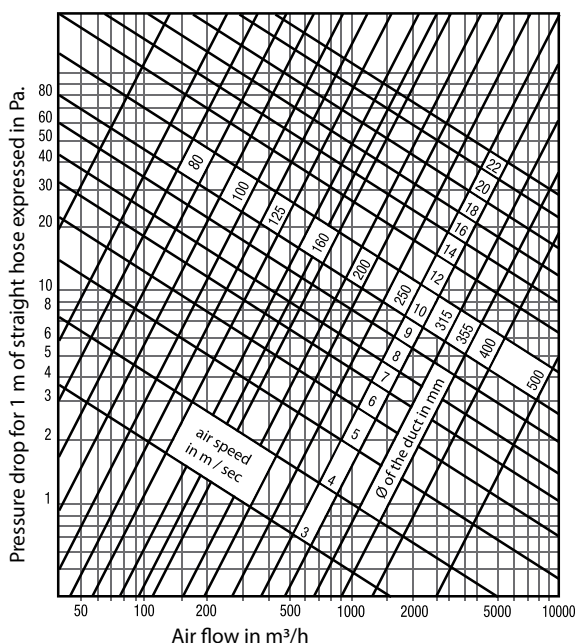
Fire Reaction - Non-toxicity of fumes - Bacterial abatement certificate



| Size             | Code    |
|------------------|---------|
| DN 100 mm x 10 m | 7045310 |
| DN 125 mm x 10 m | 7045311 |
| DN 160 mm x 10 m | 7045313 |
| DN 200 mm x 10 m | 7045314 |

| Specifications      |                                                                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Colour              | Grey                                                                                                                                    |
| Working Temperature | -20°C/+90°C (+110°C peak)                                                                                                               |
| Curvature Radius    | 0,6 x Ø                                                                                                                                 |
| Air Speed           | max 20 m/s                                                                                                                              |
| Pressure            | max 200 mm wc                                                                                                                           |
| Fire Reaction       | ITALIAN CLASS: Class 1 (D.M. 26/06/84)<br>EUROCLASS: Class B-s1, d0 (EN 13823:2010)<br>FRENCH CLASS: Class M1 (AFNOR NF 92-507 § 3.1.2) |

### PRESSURE DROP DIAGRAM (AIR TEMPERATURE 20 °C)



#### Examples of calculation of low rates and pressure drop

##### Air speed 4 m/s

| Ø mm | Air Flow m³/h | Pressure drop Pa |
|------|---------------|------------------|
| 102  | 117           | 3,9              |
| 127  | 182           | 3                |
| 160  | 289           | 2,3              |
| 203  | 465           | 1,7              |

#### Examples of calculation of low rates and pressure drop

##### Air speed 5 m/s

| Ø mm | Air Flow m³/h | Pressure drop Pa |
|------|---------------|------------------|
| 102  | 147           | 6,2              |
| 127  | 228           | 4,9              |
| 160  | 361           | 3,6              |
| 203  | 582           | 2,7              |

