

# ETFR10-Therm Reinforced flexible ducts for air conditioning



## Description

Tubi flessibili realizzati con tubazione interna tipo ETFR10 e rivestimento termoisolante in fibra di poliestere (densità 16 kg/m3) dello spessore di 25 mm.  
Protezione esterna antivapore in resina poliiolefinica additivata.

## Characteristics

Colour : black.  
Production range : from 80 to 610 mm.  
Temperature range: from -20°C to +110°C.  
Radius : 0,8-1,5 x diameter.  
Air speed : up to 32 m/s.  
Pressure : 2500 Pa max.

## Size

Standard 10 meters.

## Use

-Air conditioning.  
Mechanical ventilation.  
To reduce the formation of condensation and heat dispersions.

## Reaction to fire

Italian class  
- Class 1 (Ministerial Decree 26/06/84).

## Pressure drop

| air flow m³/h | ø internal ETFR10-Therm |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---------------|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|               | 80                      | 102 | 127 | 152 | 160 | 180 | 203 | 254 | 305 | 318 | 356 | 406 | 457 | 508 | 610 |
|               | Pa/m                    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 40            |                         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 50            | 2,5                     | 0,8 |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 60            | 4                       | 1,1 |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 70            | 5                       | 1,5 |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 80            | 6,5                     | 2   | 0,7 |     |     |     |     |     |     |     |     |     |     |     |     |
| 90            | 7,5                     | 2,5 | 0,9 |     |     |     |     |     |     |     |     |     |     |     |     |
| 100           | 10                      | 3   | 1,1 | 0,5 |     |     |     |     |     |     |     |     |     |     |     |
| 200           | 35                      | 6,5 | 4   | 2,7 | 1,3 | 0,5 |     |     |     |     |     |     |     |     |     |
| 300           |                         | 25  | 8   | 5   | 2,5 | 1,5 | 0,9 |     |     |     |     |     |     |     |     |
| 400           |                         | 40  | 16  | 8   | 4,5 | 2,3 | 1,5 |     |     |     |     |     |     |     |     |
| 500           |                         |     | 25  | 14  | 6,7 | 3,5 | 2,3 | 0,5 |     |     |     |     |     |     |     |
| 600           |                         |     | 33  | 18  | 8   | 5   | 3   | 0,9 | 0,5 |     |     |     |     |     |     |
| 700           |                         |     |     | 25  | 13  | 6,5 | 4,2 | 1,3 | 0,7 |     |     |     |     |     |     |
| 800           |                         |     |     | 30  | 18  | 7,5 | 5   | 1,7 | 1   | 0,4 |     |     |     |     |     |
| 900           |                         |     |     | 38  | 20  | 10  | 6,5 | 2   | 1,3 | 0,7 |     |     |     |     |     |
| 1000          |                         |     |     |     | 25  | 13  | 7,5 | 2,5 | 1,5 | 0,9 | 0,2 |     |     |     |     |
| 1500          |                         |     |     |     |     | 26  | 18  | 5,5 | 3   | 1,8 | 0,8 | 0,3 | 0,2 |     |     |
| 2000          |                         |     |     |     |     |     | 30  | 8   | 5,8 | 3   | 1,8 | 0,8 | 0,3 | 0,2 |     |
| 3000          |                         |     |     |     |     |     |     | 15  | 10  | 5   | 2,8 | 1,5 | 0,8 | 0,5 |     |
| 4000          |                         |     |     |     |     |     |     | 25  | 20  | 8   | 5   | 2,8 | 1,5 | 0,8 |     |
| 5000          |                         |     |     |     |     |     |     |     | 33  | 18  | 10  | 5   | 2,3 | 1,3 | 0,5 |
| 6000          |                         |     |     |     |     |     |     |     |     |     | 15  | 7   | 3,4 | 1,9 | 0,7 |
| 7000          |                         |     |     |     |     |     |     |     |     |     | 18  | 8   | 4,6 | 2,6 | 1   |
| 8000          |                         |     |     |     |     |     |     |     |     |     | 23  | 11  | 6,0 | 3,4 | 1,3 |
| 9000          |                         |     |     |     |     |     |     |     |     |     | 25  | 13  | 8   | 4,3 | 1,6 |
| 10000         |                         |     |     |     |     |     |     |     |     |     |     | 17  | 9,4 | 5,4 | 2   |
| 12000         |                         |     |     |     |     |     |     |     |     |     |     |     | 13  | 7,7 | 2,9 |
| 14000         |                         |     |     |     |     |     |     |     |     |     |     |     | 18  | 10  | 4   |
| 16000         |                         |     |     |     |     |     |     |     |     |     |     |     | 23  | 13  | 5,2 |
| 18000         |                         |     |     |     |     |     |     |     |     |     |     |     | 30  | 17  | 6,6 |
| 20000         |                         |     |     |     |     |     |     |     |     |     |     |     |     | 21  | 8,2 |
| 22000         |                         |     |     |     |     |     |     |     |     |     |     |     |     |     | 9,9 |
| 24000         |                         |     |     |     |     |     |     |     |     |     |     |     |     |     | 11  |
| 26000         |                         |     |     |     |     |     |     |     |     |     |     |     |     |     | 13  |
| 28000         |                         |     |     |     |     |     |     |     |     |     |     |     |     |     | 16  |
| 30000         |                         |     |     |     |     |     |     |     |     |     |     |     |     |     | 18  |

## Price list

The length of the hose should to be considered in a extended position and at environment temperature (16/18°C - tolerance ±2%)

| ø internal | ETFR10-Therm | ø internal | ETFR10-Therm |
|------------|--------------|------------|--------------|
|            | euro         |            | euro         |
| 80         | ✓            | 305        | ✓            |
| 102        | ✓            | 318        | ✓            |
| 127        | ✓            | 356        | ✓            |
| 152        | ✓            | 406        | ✓            |
| 160        | ✓            | 457        | ✓            |
| 180        | ✓            | 508        | ✓            |
| 203        | ✓            | 610        | ✓            |
| 254        | ✓            |            |              |