

# ETSA10-Therm Anti-bacterial and anti-mildew insulated flex ducts



## Description

Hose made of addivated polyolefin resin film with addition of bromine compounds/antimony trioxide and anti-bacterial/anti-mold master and steel wire helix.

Insulating coating in polyester fiber (sp. 25mm - 16 kg/m<sup>3</sup>).

Aluminum film external protection.

## Characteristics

Color: grey.

Diameters range : from 80 to 406 mm.

Temperature range: from -20° to + 90°C (peaks of 110°C).

Radius : 0,6 x diameter.

Air velocity : up to 20 m/s.

Pressure : up to 2000 Pa.

## Size

Standard 10 meters.

## Use

The ET SA10 THERM tube is used in air conditioning and mechanical ventilation applications with single or double flow and connection between grilles and diffusers. Thanks to its composition it is able to reduce the formation of condensation and the dispersion of heat.

## On demand

Stainless steel antimagnetic wire helix.

-Diameter 457mm, 508mm, 559mm, 610mm.

## Certifications

Reaction to fire.

Non-toxicity of fumes.

Acoustic and thermal absorption.

Rolling cabins.

Certificate of bacterial abatement.

## Reazione al fuoco

Italian class

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

Euroclass

- INTERNAL STATION, THERMO-INSULATING

MATERASSIN AND STEAM BARRIER:

Class B-s1, d0 (EN 13501-1:2018).

French class

- INTERNAL STATION AND STEAM BARRIER:

Class M1 (AFNOR NF P 92-507 § 3.1.2).

- THERMO-INSULATING MATERASSIN:

Class M1 NF P 92-501 / 504/505 (2005).

## Pressure drop

ETSA10-Therm internal ø												
Air flow m <sup>3</sup> /h	80	102	127	152	160	180	203	254	305	318	356	406
	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
2000							30	8	5,8	3	1,8	0,8
3000								15	10	5	2,8	1,5
4000								25	20	8	5	2,8
5000									33	18	10	5
6000											15	7
7000											18	8
8000											23	11
9000											25	13
10000												17

## Price list

Item normally available from stock			
internal ø	ETSA10-Therm euro	internal ø	ETSA10-Therm euro
80	11,61 v	203	18,96 v
102	11,69 v	254	25,51 v
127	13,47 v	305	30,94 v
152	15,81 v	318	31,62 v
160	16,03 v	356	40,41 v
180	18,43 v	406	45,85 v