

# 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.

## 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.

## Size:

Standard 10 meters

## 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

## 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 AND STEAM BARRIER:  
Class B-s1, d0 (EN 13823: 2010)  
- THERMO-INSULATING MATERASSIN:  
Class B-s2, d0 (UNI EN 13501-1: 2009)  
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 Pa/m	102 Pa/m	127 Pa/m	152 Pa/m	160 Pa/m	180 Pa/m	203 Pa/m	254 Pa/m	305 Pa/m	318 Pa/m	356 Pa/m	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 ✓	203	18,96 ✓
102	11,69 ✓	254	25,51 ✓
127	13,47 ✓	305	30,94 ✓
152	15,81 ✓	318	31,62 ✓
160	16,03 ✓	356	40,41 ✓
180	18,43 ✓	406	45,85 ✓