



## FIRE INTUMESCENT PILLOWS

### FEATURES

**AF BAGS** are manufactured from high quality fire resistant fiberglass, covered on both sides by special polyurethane sealing, sewed with metal thread, that provides a perfectly sealed wrapper containing water insoluble expansion materials and fire retardant additives.

When exposed to heat they (>200°C) will expand by about 40% of their original volume, releasing water steam with a fire retardant effect, to form a tight seal that insulates the propagation of both flames and heat.

**AF BAGS** do not suffer from water or humidity, they are un-rotting mildew resistant and not attachable by bacteria, therefore they can be installed for long periods in damp and not ventilated premises.

**AF BAGS** are:

- re-usable
- moisture resistant
- unassailable by rodents
- dust proof
- suitable to be used in food industry



### TECHNICAL SPECIFICATIONS

External wrapper	fiberglass sealed on both sides by polyurethane coating and sewed by metal thread.
Dry content	100%
Specific weight	1,1 Kg/litre
Crystallized Water	20%
Hydroscopicity	nil
Smoke emission	Steam, no toxic fumes
Stocking time	indefinite

### USE

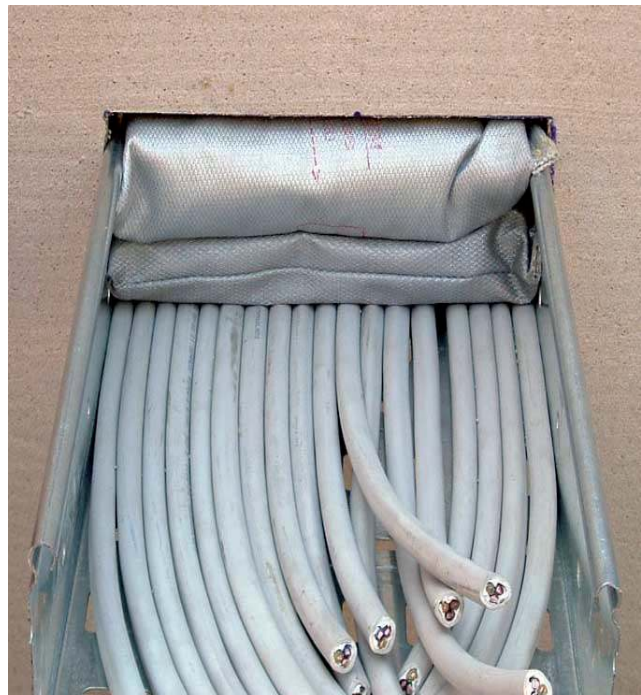
Installation/dismantling of **AF BAGS** is very rapid and easy and does not require specialized manpower.

**AF BAGS** can be used as temporary or permanent fire stop trunking for cable trays.

They can also be used to fill small gaps around services where access is required for maintenance or new cables installation.

They can be installed using the technique of staggered bricks.

To obtain a well finished surface the **AF BAGS** can be used in combination with **AF SEAL W** acrylic sealing to obtain a smoke-proof seal.



## AF BAGS RANGE

Dimensions	Weight
120x100x30 mm. + 5%	ab 300 gr
120x150x30 mm. + 5%	ab 500 gr
120x200x30 mm. + 5%	ab 700 gr
120x250x35 mm. + 5%	ab 850 gr
120x300x35 mm. + 5%	ab 1.000 gr

Required thickness for grade EI/REI 180 min. (3 hours)

To obtain REI 180 min. thickness must be 120 mm. This measure corresponds to the width of the AF BAGS (120 mm.)

## WARNINGS

There are no precautions in the use of AF BAGS.

AF BAGS do not contain ceramic fibres, asbestos, formaldehyde and halogens.

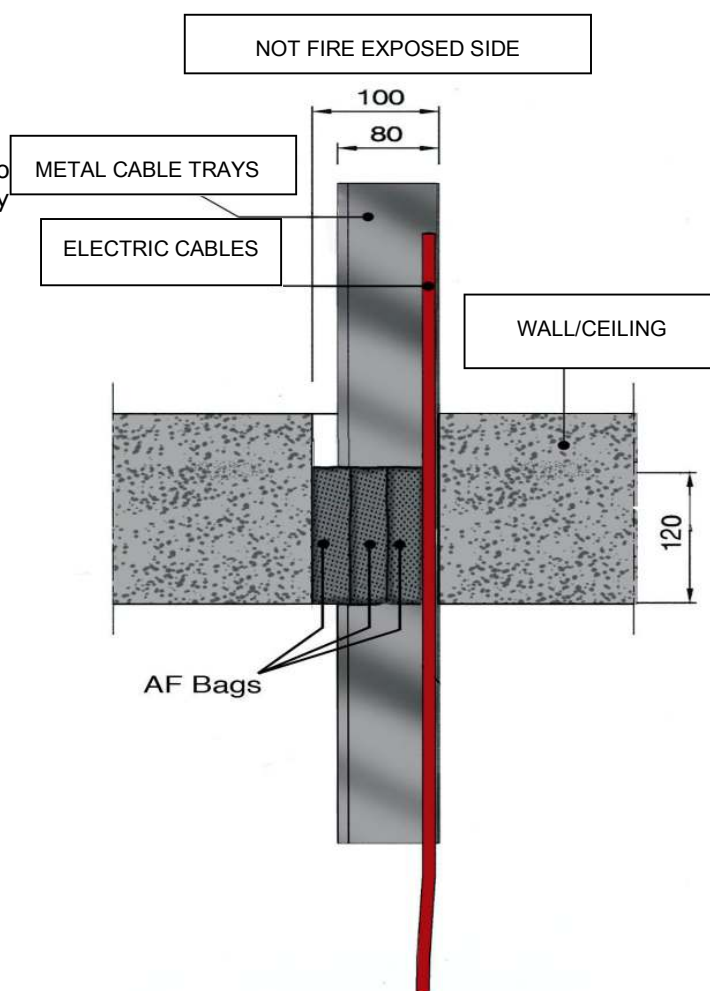


## STANDARDS

All tests have been performed by Istituto Giordano di Bellaria officially authorized by the Italian Ministry of Interior:

Certificate REI 180 n° 56761/1004RF  
 Certificate REI 120 n° 130509/2006RF  
 Certificate REI 120 n° 184044/2633RF  
 Certificate REI 180 n° 230362/3003RF  
 Certificate UNI EN 1366-3  
 n° 250412/3095FR  
 Certificate UNI EN 1366-3  
 n° 260411/3148FR

Dimensions	CODES
120x100x30 mm	<b>B10A</b>
120x150x30 mm	<b>B15A</b>
120x200x30 mm	<b>B20A</b>
120x250x35 mm	<b>B25A</b>
120x300x35	<b>B30A</b>



## NOTE

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our products, these data don't relieve processors from carrying out their own investigations and tests neither imply any guarantee of certain properties nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislations are observed.