



AB-CI

CHARACTERISTICS

- Modular fire-rated collar
- Stainless steel band and intumescent band
- Can be cut at the desired size and it's installed in pipes from Ø30 up to Ø250 mm
- When a fire occurs, the intumescent material expands and blocking thus passage of smoke and flames
- Capable of guarantee a protection type EI 120 to plasterboard walls and EI 180 to aerated concrete floors passed through by combustible pipes.
- The application range of the intumescent collar covers the pass-through metallic pipes with isolation, corrugated pipes with electric cables, multilayer pipes and inflammable pipes with 45° angle
- Metallic band of 2,5 m and intumescent band of 8,6 m
- As long as the product is kept in a dry environment, there is no limit for its storage
- Screws and metric band included

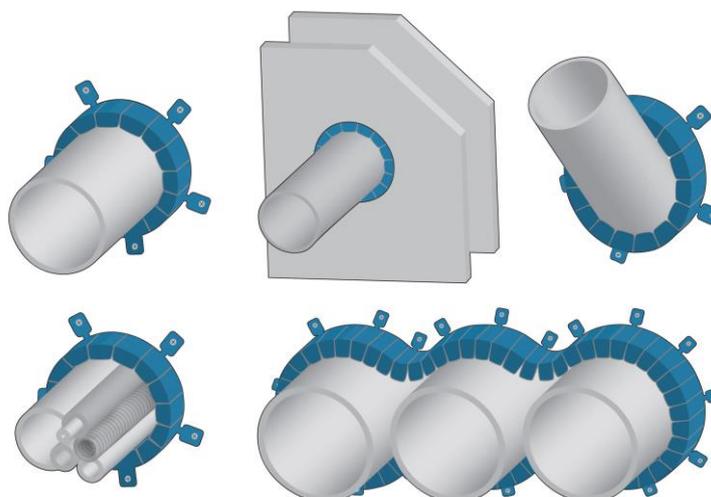
APPLICATIONS

- Product for professional use
- Free expansion >20:1
- Activation temperature 180°
- It has been developed for sealing both, inflammable pipes and more complex combined pass-throughs
- Fire reaction E according EN 13501-1, fire resistance EI 120-180 according EN 13501-2, life and service Y2 according ETAG 026-2

ASSESSMENTS

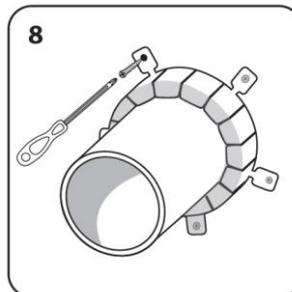
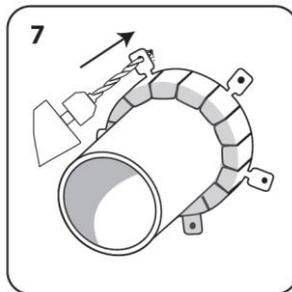
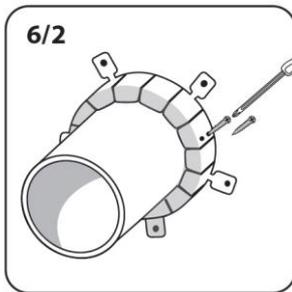
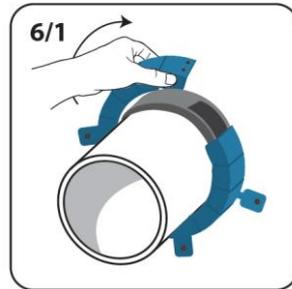
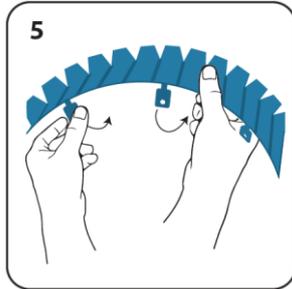
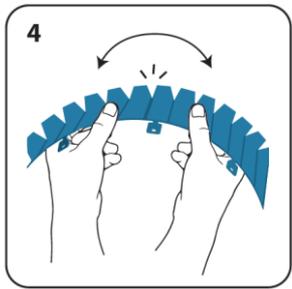
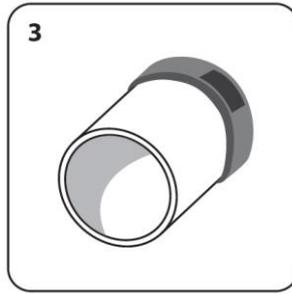
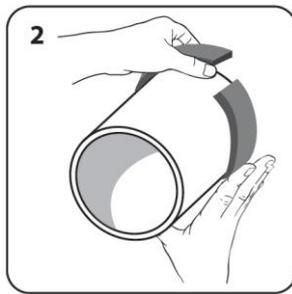
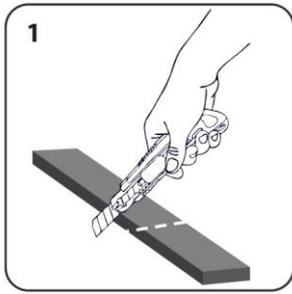


APPLICATION EXAMPLES



1. KIT					
CODE	ITEM	SIZE	PHOTO	COMPONENT	MATERIAL / COATING
ABCKIT	1	8,6 m x 50 x 4 mm		Intumescent Band	Intumescent Material
	2	2,5 m x 50 mm		Metallic band	Stainless steel AISI 430 (1.4016) 
	3	1 m x 30 mm		Metric band	Paper
	4	4,2 x 9,5 mm (50 units)		Self-tapping screws	Carbon steel Zinc-plated coating $\geq 5 \mu\text{m}$ 

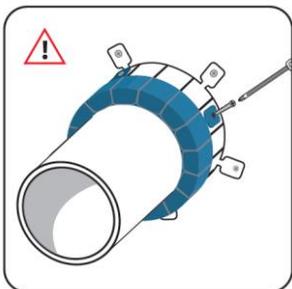
2. INTALLATION PROCEDURE



1. Cut to size the intumescent stripe as highlighted in the table
2. Wrap the intumescent stripe around the pipe
3. Attach with an adhesive stripe
4. Break the steel strip wrapping it around the checked lines
5. Bend outward the attaching wings
6. Wrap the steel stripe around the intumescent stripe and attach it with at least two self-tapping screws
7. Make holes in the wall in correspondence with the steel wings
8. Attach the steel stripe with fixing anchors (see table)
For pipes with 200-250mm diameter, it is necessary to apply a second collar in parallel as highlighted in the drawings



For the first collar, follow the instructions highlighted from point 1 to 8. For the second collar, repeat the operations showcased from point 1 to 4. Wrap the metal stripe around the intumescent stripe as highlighted in point 6. Attach it to the first collar by placing the eyelets as shown in the drawing, with self-drilling screws.



∅	mm	mm			
Pipe diameter	Metal band length	Intumescent band length	N° of stripes	N° of fire rated collars	N° of fixing points
30	200	240	2	12	4
40	230	310	2	10	4
50	260	380	2	9	4
63	300	460	2	8	4
80	350	560	2	7	4
90	380	620	2	6	4
100	410	680	2	6	4
110	440	750	2	5	4
125	515	1310	3	4	5
140	560	1450	3	4	5
160	620	1640	3	4	5
For pipes with 200-250 mm diameter					
200	2 x 795	2 x 3500	5	1	5
250	2 x 955	2 x 4300	5	1	5