

Reference documents:

European Technical Approval:	ETA-16/0190
Certificate of Constancy of Performance:	1488-CPR-0590/W
Declaration of Performance:	CARBO/010-21-12-2016

Technical data:

Fire resistance class	up to EI 120 U/C up to EI 120 C/C up to EI 120 C/U
Environmental class	Z1, Z2
Storage temperature range	from +5 ⁰ C to + 35 ⁰ C
Application suitability lifetime	unlimited; however, recommended period not longer than 24months
Commercial packaging	1 pieces
Pipe wrap types	CW-25-25 CW-25-32 CW-25-40 CW-25-55 CW-25-82 CW-25-110 CW-25-125 CW-25-135 CW-25-160



Product description:

CarboWrap CW fire-resistant pipe wraps consist of an external bag, made of PVC foil, and filling in the form of one or few intumescent cartridges.

Intended use:

CarboWrap CW fire-resistant pipe wraps are intended for fire-resistant insulation of service penetrations through walls and ceilings with single pipes of < 160 mm passing through them, made of plastics (PVC, PP, PE-HD, PE, ABS, SAN+PVC).

Thickness of the partitions through which the installations are passed should not be smaller than:

-150 mm – walls made of concrete, reinforced concrete, cellular concrete, solid bricks, cellular or checker bricks – install the pipe wrap inside the wall, placing it inside its cross-section.

-150 mm – ceilings made of concrete or reinforced concrete – install the pipe wrap inside the ceiling, at a distance of 10mm from its bottom.

Application:

Wrap the insulated pipe wrap around the pipe and join the ends using adhesive tape located on one end of the pipe wrap which is not filled with an intumescent cartridge. The adhesive tape is protected from bonding by an anti-adhesive divider. After installing the pipe wrap, fill the empty spaces created between the pipe wrapped in the pipe wrap and the hole diameter with cement mortar. The intumescent cartridge can be cut to the desired length, bigger or equal to the external circumference of the secured pipe. Cartridges cannot be joined (extended). Mark the penetration with the TAG supplied with the CarboWrap CW pipe wrap

Technical specification of CarboWrap CW fire-resistant pipe wraps

Secured pipe diameter (mm)	CW Pipe wrap type	Hole mounting diameter (mm)	Intumescent cartridge dimensions	
			Thickness (mm)	Width (mm)
25	CW-25	34	2	60
32	CW -32	41	2	60
40	CW -40	49	2	60
55	CW -55	63	4	60
82	CW -82	99	6	60
110	CW -110	131	8	60
125	CW -125	153	9	100
135	CW -135	166.6	10.8	100
160	CW -160	191.6	10.8	100

Health and safety:

This product is intended for professional use in an industrial environment. Follow the applicable health, safety and environmental protection regulations when using and applying the product. Read the MSDS of the product before use.

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The information provided herein is based on the knowledge and experience of the manufacturer on the date of issue hereof. All information is provided in good will. Given the variety of application methods and conditions, verify them in actual conditions. The manufacturer declines all liability not related to the conditions in the valid standard.