

DAFA universal pipe collar

DAFA universal pipe collar is a part of DAFA AirStop System and is used to provide an airtight seal of the vapour barrier around round pipe conduits.



Warranty

DAFA offers a function and product warranty for 10 years on all products associated with DAFA AirStop System.

Contents

Per box:

50 pcs. (type 260 & 345)

25 pcs. (type 520)

Dimensions

Type 260: 260 mm x 260 mm

Type 345: 345 mm x 345 mm

Type 520: 520 mm x 520 mm

Application

DAFA universal pipe collars are used in all buildings to provide an airtight seal around conduits for round pipes. The collar can be fitted directly onto the vapour barrier: simply, quickly and securely.

Material

The product is made from a black, soft and flexible EPDM fabric coated with a strong acrylic adhesive. The adhesive has been specially developed for sealing and laminating PE and PP vapour barriers.

The product has been tested by the Danish Technological Institute. The 1.2 mm thick EPDM fabric is supplied with pre-punched markings.

Product benefits

- Patented solution
- Tested by the Danish Technological Institute
- Energy-saving thanks to airtight conduits / joints
- A single flexible seal suitable for all common pipe dimensions
- Simple, fast and safe installation
- No need for special tools
- No need for sealing, glue, jointing, etc. after installation
- Both the EPDM fabric and adhesive can be used from -40 to +100° C
- DAFA universal pipe collar is listed in the database for building products that can be used in Nordic Swan Ecolabelled buildings.

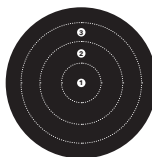


A patented solution



Markings type 260

- 1 Ø12 mm fits to round pipes from Ø15 mm to Ø25 mm
- 2 Ø25 mm fits to round pipes from Ø40 mm to Ø60 mm
- 3 Ø45 mm fits to round pipes from Ø60 mm to Ø90 mm
- 4 Ø70 mm fits to round pipes from Ø90 mm to Ø110 mm



Markings type 345

- 1 Ø60 mm fits to round pipes from Ø80 mm to Ø125 mm
- 2 Ø100 mm fits to round pipes from Ø125 mm to Ø160 mm and to squared pipes 100 mm x 150 mm and 150 mm x 150 mm
PLEASE NOTE: Rectangular pipes are sealed using DAFA green vapour barrier tape between the pipe and collar.
- 3 Ø135 mm fits to round pipes from Ø160 mm to Ø200 mm



Markings type 520

- 1 Ø150 mm fits round pipes from Ø200 mm to Ø250 mm
- 2 Ø190 mm fits round pipes from Ø250 mm to Ø315 mm
- 3 Ø255 mm fits round pipes from Ø315 mm to Ø400 mm

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Technical specifications - Adhesive

Thickness	Paper + adhesive	330 - 350 my
Grammage	Adhesive	260 g/m ² + 10 %
Peel value	AFERA 5001	30 N/25 mm
Temperature resistance		-40 °C to + 100 °C
Liner		Blue, siliconized
Adhesive	DS/EN 13984	Acrylic - modified
Installation	Surfaces must be dry and free of dust and oil. Recommended installation temperature from +5 °C	

Technical specifications - EPDM

Hardness		67°
Tensile strength	EN 12311-2	9,4 MPa
Tearing strength	EN 12310-2	55 KN/m
Elongation upon failure	Unhardened	430%
Temperature resistance		-45 °C to +130 °C Short-term: + 250 °C
Vapour diffusion resistance	EN 1931	$S_d = 60 \text{ m}$ (Z-value = 303)

Product information

DAFA no. (260/345/520)	620010116 / 620007467 / 620012271
EAN no. (260/345/520)	5705636310411 / 5705636288826 / 5705636329611



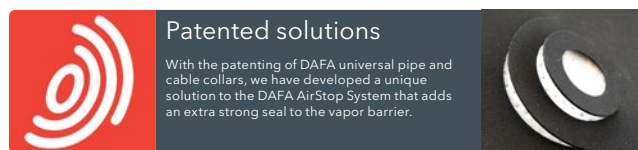
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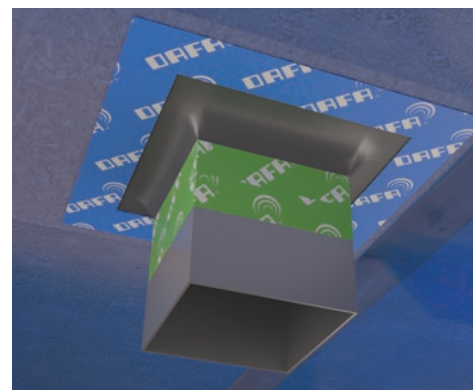
LCA calculation

Product	Unit	GWP-total (A1-A3)
DAFA universal pipe collars	kg CO2 eq./m ²	4,060

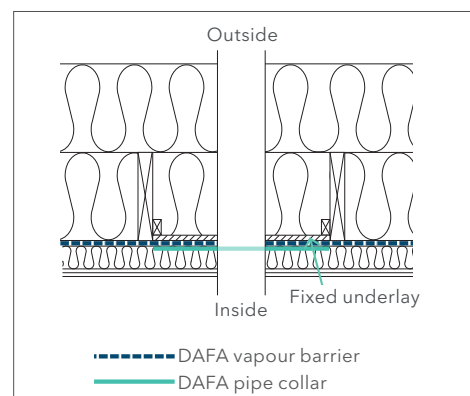


Patented solutions

With the patenting of DAFA universal pipe and cable collars, we have developed a unique solution to the DAFA AirStop System that adds an extra strong seal to the vapor barrier.



For square pipe entry, the pipe collar must be taped with the green DAFA vapor barrier tape.



Mounting

We recommend you ensure there is a firm subsurface behind the vapour barrier, so that the pipe can be fixed in position.

Transport, delivery

DAFA universal pipe collar is supplied in boxes containing either 25 or 50 collars per box depending on dimensions. The pipe collars should be transported and stored in a dry and frost-free environment between +5 °C and +25 °C, and protected from direct sunlight.

