

Technical data



Material		
Main component	Ø 15-30 mm: TESCON VANA with EPDM	
Main component	Ø ≥ 30 mm: EPDM	
Property	Regulation	Value
Colour		Black
Outdoor exposure		6 months
Bond durability, non-aged/aged	DIN 4108-11 / EN 17990	Passed (15-30 mm)
Application temperature		Above -10 °C ; 14 °F
Temperature resistance EPDM		Permanent -40 °C to 150 °C ; -40 °F to 300 °F
Storage		Cool and dry
Passive House Certification	Passivhaus Institut	phA (15-30, 50-90, 100-120, 170-220 mm)

Areas of application

For rapid and permanent airtight feedthroughs for pipes through the airtight sealing layer. Can also be used outdoors, e.g. on roof underlays and for refurbishment vapour control membranes.

Tape with TESCON VANA or TESCON INVIS.

Supply form

Art. no.	for Ø pipe	Variant	Length	Width	Contents	Weight	GTIN
1AR02192	15 - 30 mm	Self-adhesive, blue	145 mm	145 mm	15 pieces	0.2 kg	4026639221926
1AR04010	15 - 30 mm	Self-adhesive, black	145 mm	145 mm	15 pieces	0.2 kg	4026639240101
12936	15 - 30 mm	For ≤9 conduits, incl. tape	200 mm	200 mm	2 pieces	0.3 kg	4026639129369
1AR02193	30 - 50 mm		140 mm	140 mm	10 pieces	0.5 kg	4026639221933
1AR02194	50 - 90 mm		140 mm	140 mm	10 pieces	0.4 kg	4026639221940
1AR02184	100 - 120 mm		200 mm	200 mm	10 pieces	1 kg	4026639221841
1AR02201	120 - 170 mm		250 mm	250 mm	10 pieces	0.85 kg	4026639222015
1AR02202	170 - 220 mm		300 mm	300 mm	10 pieces	1 kg	4026639222022
12832	220 - 270 mm	Incl. tape	450 mm	450 mm	2 pieces	0.7 kg	4026639128324
12842	270 - 320 mm	Incl. tape	500 mm	500 mm	2 pieces	0.8 kg	4026639128423

Advantages

- ✓ Keeps building structures dry: quick and simple sealing
- ✓ Reliable joints thanks to TESCON VANA or TESCON INVIS with water-resistant SOLID adhesive
- ✓ Reliable even in hot environments: EPDM stable at temperatures up to 150 °C
- ✓ Practical handling: pipes can be pushed and pulled through the grommet – the joint remains sealed
- ✓ Extremely flexible and elastic, no protruding sleeve
- ✓ Construction in adherence with standards: for airtight sealing in accordance with DIN 4108-7, SIA 180 and RE 2020
- ✓ Excellent values in hazardous substance testing, has been tested according to the ISO 16000 evaluation scheme

Substrates

Clean subsurfaces before sticking. Adhesion to frozen surfaces is not possible. There must be no water-repellent substances (e.g. grease or silicone) on surfaces where adhesives are to be applied. Subsurfaces must be sufficiently dry and stable.

Permanent adhesion is achieved on all pro clima interior and exterior membranes, other vapour control and airtight membranes (e.g. those made of PE, PA, PP and aluminium) as well as other roof and breather (WRB) membranes (e.g. those made of PP and PET).

Adhesive bonds are possible on planed and painted wood, hard plastics and metal (e.g. pipes, windows etc.), hard wood-based panels (chipboard, OSB, plywood, MDF and wood-fibre underlay panels). Pre-treatment with TESCON PRIMER is required in the case of adhesion to wood-fibre underlay panels and smooth mineral subsurfaces. Concrete or plaster subsurfaces must not be sandy or crumbling.

The best results in terms of structural stability are achieved on high-quality subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests may be necessary in certain cases. Pre-treatment with TESCON PRIMER is recommended in the case of subsurfaces with insufficient stability.



General conditions

The adhesive bonds should not be subjected to tensile strain. Rub the adhesive tapes firmly to secure the adhesive bonds. Ensure that there is sufficient resistance pressure.

Windproof, airtight or rainproof sealing can only be achieved on vapour control membranes, roofing underlays or breather (WRB) membranes that have been laid without folds or creases. Ventilate continuously and systematically to prevent build-up of excessive humidity; use a dryer if necessary.



*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions)

Tested for hazardous substances according to



The information provided here is based on practical experience and the current state of knowledge. We reserve the right to make changes to the recommended designs and processing or to make alterations due to technical developments and associated improvements in the quality of our products. We would be happy to inform you of the current technical state of the art at the time you use our products.

Further information about application and construction is given in the pro clima planning documentation and application recommendations. If you have any questions, please call the pro clima technical hotline Ireland and UK:

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For over 20 years, Ecological Building Systems has been at the forefront of environmental and sustainable building products supplying a range of innovative airtightness solutions and natural insulations backed up with expert technical support.

As product suppliers in the UK and Ireland, we're happy to assist you with your projects and have expert technical and sales advice on hand.



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