KAFLEX

Sealing grommets for cables, Ø 4.8–12 mm, for interior and exterior use



Technical data

	Material
Main component	EPDM (variant for ≤16 cables)
Main component	TESCON INVIS with EPDM (black)
Main component	TESCON VANA with EPDM (blue)

Property	Regulation	Value
Colour		Dark blue / black
Outdoor exposure		6 months
Bond durability, non-aged/aged	BS EN 17990	Passed (1+2 cables)
Can be plastered over		Yes
Application temperature		Above -10 °C ; 14 °F
Temperature resistance EPDM, permanent		-40 °C to 150 °C
Storage		Cool and dry
Passive House Certification	Passivhaus Institut	phA (1 cable blue + ≤16 cables)

Areas of application

For practical, reliable sealing of feedthroughs of cables through the airtightness layer. Also for exterior use, e.g. for roofing underlays, retrofit vapour control membranes or behind open-jointed cladding.

Multi-cable grommet for up to 16 cables available as a set with a template and punching tool. Tape with TESCON VANA or TESCON INVIS.

Supply forms

Art. no.	Variant	Length	Width	Contents	Weight	GTIN
1AR02175	For 1 cable, blue	145 mm	145 mm	15 pieces	0.24 kg	4026639221759
1AR04011	For 1 cable, black	145 mm	145 mm	15 pieces	0.21 kg	4026639240118
1AR02179	For 2 cables, blue	145 mm	145 mm	15 pieces	0.21 kg	4026639221797
1AR04012	For 2 cables, black	145 mm	145 mm	15 pieces	0.21 kg	4026639240125
1AR02181	For ≤16 cables	140 mm	140 mm	10 pieces	0.5 kg	4026639221810

Advantages

- ✔ Keeps building structures dry: quick and easy grommet application
- ✔ Reliable sealing thanks to water-resistant SOLID adhesive
- ✔ Practical handling: cables can be pushed and pulled through the grommet – the penetration remains sealed
- ✔ Extremely flexible and elastic, no protruding sleeve
- ✔ Available in black variants: backing fleece not visible behind open-jointed cladding
- ✔ Flexible on-site work sequencing: 6 months of outdoor exposure
- ✔ Standards-compliant construction: 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; if necessary, subsurfaces should be stabilised or renewed.

Permanent adhesion is achieved on all pro clima internal and external 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 or on smooth, mineral subsurfaces. It may be necessary to apply a bead of adhesive sealant – e.g. ORCON F – underneath the tape to achieve reliable seals on rougher surfaces.

The best results in terms of reliability are achieved on high-quality subsurfaces. Particular care is necessary when working with older or multi-layer subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests may be necessary in certain cases. Pre-treatment of the subsurface with TESCON PRIMER will improve the adhesive bond.

pro clima®

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 the build-up of excessive humidity; use a dryer if necessary.

phA CERTIFIED COMPONENT Passive House Institute

NBS

ÉMISSIONS DANS L'AIR INTÉRIEUR* A+ A+ A B C

*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 missions)

Tested for hazardous substances according to ISO 16000

NSAI Agrément
pro clima Intelligent Airtight System
CERT No. 07/0297

Made in Germany developed and produced by pro clima

The applications and conditions described here are based on current research findings and practical experience. We reserve the right to change the recommended application designs and installation methods and to develop and thus change the properties and quality of individual products. We would be glad to inform you about the current state of engineering knowledge at the time that your installation is carried out.

The planning documentation that is available from pro clima provides further information about installation methods and design details. If you have questions, please contact pro clima Technical Support in Ireland and the UK:
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