ROFLEX

Sealing grommets for pipes, for interior and exterior use

Technical data

	Material
Main component	Ø 15-30 mm (1/2"-1 3/16"): TESCON VANA with EPDM
Main component	Ø ≥ 30 mm (1 3/16"): EPDM

Property	Regulation	Value
Colour		Black
Outdoor exposure		6 months
Bond durability, non-aged/aged	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 (Ø 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 retrofit vapour control membranes. For windproof, airtight and rainproof sealings.
Tape with TESCON VANA or TESCON INVIS.

Supply forms

Art. no.	For ⌀ pipe	Variant	Length	Width	Contents	Weight	GTIN
1AR02192	15 - 30 mm (½"-1 3/16")	Self-adhesive, blue	145 mm	145 mm	15 pieces	0.2 kg	4026639221926
1AR04010	15 - 30 mm (½"-1 3/16")	Self-adhesive, black	145 mm	145 mm	15 pieces	0.2 kg	4026639240101
12936	15 - 30 mm (½"-1 3/16")	For ≤9 conduits, incl. tape	200 mm	200 mm	2 pieces	0.3 kg	4026639129369
1AR02193	30 - 50 mm (1 3/16"-2")		140 mm	140 mm	10 pieces	0.5 kg	4026639221933
1AR02194	50 - 90 mm (2"-3½")		140 mm	140 mm	10 pieces	0.4 kg	4026639221940
1AR02184	100 - 120 mm (4"-4¾")		200 mm	200 mm	10 pieces	1 kg	4026639221841
1AR02201	120 - 170 mm (4¾"-6½")		250 mm	250 mm	10 pieces	0.85 kg	4026639222015
1AR02202	170 - 220 mm (6¾"-8¾")		300 mm	300 mm	10 pieces	1 kg	4026639222022
12832	220 - 270 mm (8¾"-10½")	Incl. tape	450 mm	450 mm	2 pieces	0.7 kg	4026639128324
12842	270 - 320 mm (10½"-12½")	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 (300 °F)
- ✔ 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; 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.

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 Germany at +49 6202 278245.

MOLL
bauökologische Produkte GmbH
Rheintalstraße 35 - 43
68723 Schwetzingen
Germany
Phone: +49 6202 2782 0
eMail: info@proclima.com