

# KAFLEX mono



Interior or exterior airtight, weather resistant gasket/sleeve for cables and small pipes



## BENEFITS

- Airtight, weather resistant EPDM sleeves with integrate tape for cables and small pipes penetration in airtight layers.
- Airtight sleeves made from EPDM and TESCON VANA
- Makes quick durable airtight connections to cables, wires or pipes that enter through airtight membranes
- Pre punctured flexible EPDM provides a tight fitting sleeve, without causing a protruding bulge
- KAFLEX features integrated adhesive with a release paper (TESCON Vana) for fast and secure application
- Cable remains adjustable after installation
- Good for use with round cables (round romex or BX)
- Note: if using with 'flat' romex, make sure there are no depressions in the romex. Twisting romex might compromise seal

## PRODUCT PROPERTIES

- For one (mono) cable pass
- EPDM gasket that tight seals around pipes and cables
- For air-tight sealing according DIN 4108-7
- Sleeve fits 1/4" to 1/2" cables and pipes
- Patch is 5-11/16" square
- PHI certified airtight system component: 0.2 m3/(m\*h)

## TECHNICAL SPECS

<b>Material</b>	Elastic EPDM rubber
<b>Adhesive</b>	SOLID Acrylic TESCON VANA tape
<b>Release paper</b>	Siliconized release paper
<b>Color</b>	Dark Blue
<b>Thickness</b>	1/32" (0.75mm)
<b>Application temp</b>	From 15 °F (-10 °C)
<b>Long term temperature resistance</b>	-40 °F to +248 °F, -40 °C to +120 °C



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TECHNICAL SPECS	
Max. recommended Weather-UV exposure:	3 months
Artificial age tested	100 year performance
Perm rating (EPDM)	0.13 (Sd Value 24m)
Storage	Cool and dry

## APPLICATION

Before sticking, subsurfaces should be brushed off or wiped clean with a cloth. To make a durable bond the substrate should be stable, dry, smooth and free of dust, silicones and grease. Taped joints shouldn't be permanently exposed to tensile forces/stresses. Adhesion to objects that have been frozen over is not possible. When in doubt, an adhesion test is always recommended to verify suitability of the substrate.

The final adhesion strength depends on the pressurization force, not the length of time the tape is pressurized. Make sure there is sufficient back-pressure when pressurizing tape.

## SUBSTRATES

KAFLEX gaskets create an airtight seal around pipes and cables which pass through smart vapor retarders, PE-, PA-, PP-, Aluminum foils on the interior of a building. It is also ideal to quickly make durable airtight around pipes and cables through wood-based panels (smooth OSB, plywood). Additional substrates are sanded or sealed wood, glass, plastics and metals.

The best performance of adhesion is achieved with high quality intelligent vapor membranes (INTELLO, DB) and wood-based products (ie smooth OSB). It is recommended to verify the suitability of a substrate with an adhesion test. The crucial property of a quality substrate is the surface tension, it should be at least 40 dyn. to provide a sufficiently strong bond for vapor or airtight purposes.

Also can be used on WRB and wall underlayments for exterior wind and waterproof connections of Pro Clima membranes overlaps (SOLITEX MENTO, FRONTA QUATTRO/HUMIDA, DA and INTESANA) or other WRB and roof underlayments.

For wood fiber insulation boards and other unstable substrates (concrete, brick, Foamglas), solidify them with TESCON Primer RP. Also for durable airsealing of in plywood, OSB, (non-rusted) metals, plastics etc.

For proper adhesion the surface tension of a material should be above 40 dyn. Some PE sheets do not comply with this (very slick/oily) and shouldn't be used.

## GENERAL CONDITIONS

The bonds should not be subjected to tensile strain.

Press firmly to secure the adhesive tape. Ensure there is sufficient back-pressure.

Windproof, airtight or rainproof seals can only be achieved on vapour retarding membranes, roof lining membranes or façade membranes that have been laid without folds or creases.

Ventilate regularly to prevent build-up of excessive humidity and use a dehumidifier if necessary.

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