

# Universal grommets

## Function:

Serves for feeding pipes, cables and lines, e.g. solar-thermal, photo-voltaic and lightning protection systems and fall arresters through the roof package.

## Connection Method:

The free upper end needs to be sealed against the line that is fed through, e.g. with the heat-shrink tubing supplied, to prevent water ingress.

## Material:

Our universal grommets are available in PVC, FPO/PP<sup>1</sup> and BIT for connection to the matching material used for the roof membrane. The materials are modified to be weather-resistant; UV-stabilised, against heat degradation and oxidative ageing as well as resistant to cold impact.

- PVC Light grey
- FPO/PP White, Beige grey, Grey, Anthracite grey
- BIT sanded

## Available sizes:

PVC, FPO/PP<sup>1</sup>, BIT with surrounding cutting markings and height information

- D 10 mm
- D 20 mm
- D 30 mm
- D 42 mm
- D 50 mm

## BIT

- D 68 mm
- D 82 mm
- D 100 mm
- D 115 mm
- D 150 mm

Supplied with shrink tubing

## Package units:

PVC, FPO/PP<sup>1</sup>

- D 10 mm in carton, PU 40 units
- D 20 mm in carton, PU 35 units
- D 30 mm in carton, PU 30 units
- D 42 mm in carton, PU 25 units
- D 50 mm in carton, PU 20 units

## BIT

- D 10 mm - D 50 mm in carton, PU 10/60 units
- D 68 mm - D 150 mm in carton, VPU 5 units

## Accessories:

- Heat-shrink tube
- W4 hose clamps



Technical data D 10 - D 50	
Height in mm	300
Inner diameter in mm	10
	20
	30
	42
	50
Material thickness of moulded part in mm	3
Connection sleeve in mm (only BIT)	D 430
Material thickness of bitumen connection collar in mm	4

Technical data D 68 - D 150	
Height in mm	320
Inner diameter in mm	68
	82
	100
	115
	150
Material thickness of moulded part in mm	3.5
Connection sleeve in mm (only BIT)	500 x 500
Material thickness of bitumen connection collar in mm	4

<sup>1</sup> Also available in PE (roofing membranes based on PE). The processing instructions of the roof sheeting manufacturer must be observed; Materials and material compounds used may be subject to change. KALA – KUNSTSTOFFE | Karl-Heinz Lange GmbH+Co.KG reserves the right to make technical changes.