

# **Universal grommets**

**Attention**: The processing instructions of the roofing membrane manufacturer must be adhered to; Materials and used material compounds may be subject to change.

#### **Function:**

It is used for the passage of pipes, cables, and lines, such as solar thermal, photovoltaic, and lightning protection systems, as well as fall protection systems through the roof assembly.

## **Connection Method:**

The open upper end must be sealed against the passing conduit, e.g., with the included heat shrink tubing, to prevent water ingress.

#### Material:

Variants in PVC, FPO/PP <sup>1</sup>, and BIT <sup>2</sup> for connection to the corresponding compatible material type of the roof membrane. The materials are modified to be weather-resistant; UV-stabilized, resistant to thermal degradation and oxidative aging, as well as impact-resistant in cold temperatures.

- PVC Light grey, Anthracite gray
- FPO/PP White, Beige gray, Gray, Anthracite gray
- BIT sandet

### Available sizes<sup>2</sup>:

PVC, FPO/PP  $^{\rm 1}\!,$  BIT with continuous cutting marks and height indicators

• D 10 mm • D 30 mm • D 50 mm

• D 20 mm • D 42 mm

ВІТ

• D 68 mm • D 100 mm • D 150 mm

• D 82 mm • D 115 mm

The delivery is generally made with heat-shrink tube

#### Package units:

PVC, FPO/PP1

• D 10 mm in carton, PU 40 units • D 42 mm in carton, PU 25 units

• D 20 mm in carton, PU 35 units • D 50 mm in carton, PU 20 units

• D 30 mm in carton, PU 30 units

BIT

·D 10 mm - D 50 mm in carton, PU 10/60 units

• D 68 mm - D 150 mm in carton. PU 5 units

# Accessories:

· Hose clamps









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

Technical data D 68 - D 150	
Height	320 mm
Inner diameter	68 mm 82 mm 100 mm 115 mm 150 mm
Material thickness of moulded part	3.5 mm
Connection sleeve (only BIT)	470 x 500 mm
Material thickness of bitumen sleeve	4 mm

<sup>&</sup>lt;sup>1</sup>Alternatively available in PE (roof membranes based on PE) / <sup>2</sup> **Alternatively, also available as a custom-made version with slate** KALA – KUNSTSTOFFE I Karl-Heinz Lange GmbH+Co.KG reserves the right to make technical changes.