

Fire safety for solar panels

PVtube by Conduct Technical Solutions is an innovative solution for routing cables through the roof. To improve fire safety in photovoltaic installations, the DC PLUS and MIN cables must be routed separately (NPR5310) and also pass through the roof in an airtight manner (BENG). For all new buildings, whether residential or commercial, permit applications submitted after 1 January 2021 must comply with the Nearly Zero Energy Building (NZEB) requirements.

PVtube consists of two conduit caps fitted with cable glands, two tubes, and two base plates with a sealing ring.

Thanks to the integrated graphite layer in the PVtube, fire protection is enhanced.

PVtube is available as a basic kit (1 string version) under article number: PVT-1S. Below you will find the specification text for this solution.

PVT-1S PVtube 1 to 2 strings

Manufacturer: PVtube

Type: 1 to 2 strings

Material: ASA, HDPE (80% recycled), halogen-free

Dimensions: 435 mm (total length), including cap

Cap dimensions: 176 mm (ø) × 42 mm (h)

Tube dimensions: 32 mm (ø) × 350 mm (l)

Colour: Black

Accessories available for correct installation of the PVtube:

PVTB152: PVtube drill bit with adapter and centre drill bit, ø152 mm

PVTB35: PVtube Orange-line flexible drill bit

PVTB35ADAP: PVtube adapter for flexible drill bit

PVTM35: PVtube cuff

PVTR152: PVtube insulation cylinder

Supplier: Conduct Technical Solutions BV