

#### Extra robust solar cables with high-grade steel protection braiding

High-grade stainless steel wire braiding (class V4A) provides highly effective protection against martens, rodents and even termites; Robust against mechanical impacts; Reduction of flame propagation and of toxic combustion gases in the event of fire



















# **Product description**

## **Application range**

- For use in PV systems that are installed on the roofs of stables or barns situated in farmsteads or denselyforested areas
- · Gable and flat roof photovoltaic systems
- Photovoltaic plants and solar parks

### **Benefits**

- High-grade stainless steel wire braiding (class V4A) provides highly effective protection against martens, rodents and even termites
- Robust against mechanical impacts
- · Reduction of flame propagation and of toxic combustion gases in the event of fire

# **ÖLFLEX® SOLAR V4A**



## **Product Make-up**

- Fine-wire, tinned-copper conductor
- · Core insulation made of electron beam cross-linked copolymer
- Outer sheath made of electron beam cross-linked copolymer
- Outer sheath colour: black
- · Armouring made of stainless V4A high-grade steel wire braiding

#### **Product features**

- Weather/UV-resistant acc. to HD 605/A1
- Halogen-free and flame-retardant
- · Good mechanical strength

### **Technical Data**

Core identification code Black

Classification ETIM 5.0 Class-ID: EC001578

ETIM 5.0 Class-Description: Flexible cable

Conductor stranding Fine wire according to VDE 0295,

class 5/IEC 60228 class 5

Minimum bending radius Fixed installation: 5 x outer diameter Nominal voltage AC  $U_0/U$ : 600/1000 V

AC U<sub>0</sub>/U : 600/1000 V DC U<sub>0</sub>/U : 900/1500 V

Max. permissible operating voltage:

DC 1,8 kV (Conductor-conductor, non earthed system)

AC 6500 V

Fixed installation: -40°C to +100°C max. conductor

temperature

Technical Data

Test voltage

Temperature range