



### Field of Application

- The flame retardant long sleeve shirts are approved as protective clothing for electricians working on and near live electrical installations
- Due to their protective effect and resistance to the thermal hazards of an arc, the shirts can be used in installations with an arc energy up to  $W_{LBP} = 168 \text{ kJ}$  according to risk assessment (DGUV-I 203-077)
- The shirts are distinguished by their excellent wearing properties and offer a noticeable feel-good factor
- Markings are patched on the sleeve

### Arc Flash Protection - Classification

- IEC 61482-1-2 **APC 1 (Class 1)**  
 **$W_{LBP} = 168 \text{ kJ}$**
- ASTM F 1959 **ATPV: 14 cal/cm<sup>2</sup> / ELIM: 13 cal/cm<sup>2</sup>**

### Design

- T-Shirt: navy
- Polo-Shirt: navy/royalblue

### Weight

- approx. 260 g/m<sup>2</sup>

### Cleaning instructions

-  Wash at 40°C,  Tumble dry, low heat

### Standards

- IEC 61482-2:2009
- IEC 61482-1-2:2014
- ASTM F 1959
- EN ISO 11612:2015 A1+A2/B1/C1/F1
- EN 1149-5:2008



### Certificate of Conformity

- PPE Regulation (EU) 2016/425

### Marking

- BSD
- 168 kJ/Class 1
- Fabric composition
- Care instructions

Size	S	M	L	XL	2XL	3XL	4XL
Item no. T-Shirt	4601037	4601038	4601039	4601040	4601041	4601042	4601045
Item no. Polo-Shirt	4601031	4601032	4601033	4601034	4601035	4601036	4601043