Arc protection clothing

Type BSD*comfort*

BSD

striking features

- Protection for life through a lasting fire-retardant effect, no limitation for washing
- All-round-protection for universal use
- Optimized for industrial laundry (ISO 15797)
- Yarn dyeing, no leaching of the textile fabric
- High wearing comfort through low weight
- Good moisture regulation and high breathability, RET-Wert according EN 31092 / ISO 11092: 4.0 m² PA/W
- Comprehensive size chart
- Sportive cut, proper fit
- Reflective strips and pipings
- Trousers with knee cushion bags

Arcflash protection

- IEC 61482-1-2 Class 1 — single layer: Arc Energy W_{LBP} = 158 kJ
- IEC 61482-1-2 Class 2 — double layer: Arc Energy W_{LBP} = 318 kJ
- IEC 61482-1-2 Special protection — double layer + BSD-Shirt/Poloshirt: Arc Energy W_{LBP} = 550 kJ
- IEC 61482-1-1 ASTM F1959 — ATPV = 13 cal/cm² (single)
- IEC 61482-1-1 — ATPV = 22 cal/cm² (double)

Standards/ Zertification

- IEC 61482-1-2: 2007
- IEC 61482-2: 2009
- IEC 61482-1-1: 2007 (ASTM F1959)
- EN ISO 11612: 2008, A1/B1/C1/F1
- EN ISO 11611: 2007, Class 2-A1
- EN 1149-3: 2004
- ISO 15797

Certificate of Conformity

- EU Directive 89/686/EWG

Fabric composition

- 55 % Modacryl
- 44 % Cotton
- 1 % Antistatic

Size and range

- 22-30, 44-64, 94-110 (Men)
- Jackets, Dungarees, Trousers

Colour

- Navy/Royal

Weight

- single: 320 g/m² double: 500 g/m²

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