

# ENERGY.

## BOP ENERGY 3000

|                              |  |  |            |
|------------------------------|--|--|------------|
| <b>Certification</b>         | DIN EN 397 and DIN EN 50 365   |  |            |
| <b>Protective properties</b> | <ul style="list-style-type: none"> <li>▪ Electrical insulation according to DIN EN 50365</li> <li>▪ Electrical insulation according to DIN EN 397</li> <li>▪ Temperatures up to +150 °C</li> <li>▪ Metal spatter (MM)</li> <li>▪ Lateral deformation (LD)</li> <li>▪ Protective property down to -30 °C</li> </ul> |  |            |
|                              | <b>internal equipment</b>  |  |            |
| <b>Type</b>                  | I/79 G-RF  |  |            |
| Special feature              | flame retardant screw closure  |  |            |
| Webbing                      | 6 point  |  |            |
| Version                      | with screw closure (flame retardant)   |  |            |
| Head band colour             | -  |  |            |
| Eye protection               | -  |  |            |
| Sweat band                   | real leather   |  |            |
| Cushion strip                | special  |  |            |
| Height-adjustable            | yes  |  |            |
| Chin strap suspension        | 4 point  |  |            |
|                              | <b>helmet features</b>   |  |            |
| <b>Series</b>                | -  |  |            |
| Factory fitted option        | <ul style="list-style-type: none"> <li>▪ all-round reflective film</li> </ul>  |  |            |
| Accessories                  | <ul style="list-style-type: none"> <li>▪ face protection</li> <li>▪ neck protection</li> <li>▪ chin strap</li> <li>▪ sweat bands</li> <li>▪ all-round reflective film</li> </ul>   |  |            |
|                              | <b>version</b>   |  |            |
| <b>Size</b>                  | 1  | 2  | 3          |
| Head circumference           | 52 – 56 cm   | 53 – 61 cm   | 59 – 63 cm |
| Colours                      | -  | <ul style="list-style-type: none"> <li>■ RAL 9016</li> <li>■ RAL 1023</li> <li>■ RAL 5017</li> <li>■ RAL 3020</li> </ul> | -          |
| <b>Branding</b>              | printed  |  |            |
| Item Size                    | Front<br>2,3 x 3 cm  | Side<br>9 x 3 cm   |            |
|                              | <b>parameter</b>   |  |            |
| <b>Shape</b>                 | straight   |  |            |
| <b>Material</b>              | UP-GF (Polyester fibreglass)   |  |            |
| <b>Weight</b>                | approx. 475 g  |  |            |

## APPLICATIONS

- utilities
- municipal power companies
- high voltage environments
- railway companies
- hot environments
- chemical industry
- electrical work



## Benefits

### ▪ Arc flash protection

Tested in the RWE Eurotest centre with the following parameters: 10 kA, 3-phase, 1 sec. Burning duration

### ▪ Electrical insulation according to DIN EN 50 365

for work involving live electricity or in close proximity to live equipment up to 1000V AC or 1500 V DC

### ▪ Maximum conduction of 1.5 mA into inner shell at 3000 V

### ▪ Electrical insulation according to DIN EN 397

protection against short-term inadvertent contact with live conductors up to 440 volts AC

### ▪ Suited for tasks carried out in high ambient temperatures (e.g. furnaces)

### ▪ Suited to tasks with exposure to molten metal, for example

### ▪ High lateral stiffness

### ▪ Protective property down to -30 °C

For use in very low temperatures (e.g. cold storage freezers)

### ▪ Retains shape at elevated temperatures

### ▪ Chemical resistant

### ▪ Improved force absorption for side impacts due to special cushion strip



440  
Vac



+150°C

I/79 G-RF



MM



LD



-30°C

DURO  
PLAST



SCHUBERTH