



Benefits

- **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**
- retains shape at elevated temperatures
- high penetration resistance and impact toughness
- chemical resistant
- highly resistant to aging (long service life)
- very comfortable to wear and secure fit due to ergonomically formed height-adjustable internal fittings



BOP

additional benefits

- **available in 3 helmet shell sizes**



BOP^R

additional benefits

- **rain gutter**



BOP^{74 R}

additional benefits

- **available in 2 helmet shell sizes**
- **Large protective surface** due to helmet with extended neck section
- **rain gutter**



BOP

BOPR

BOP 74 R

Certification	DIN EN 397			DIN EN 397			DIN EN 397					
Protective properties	<ul style="list-style-type: none"> Temperatures up to +150 °C (only when used in conjunction with special internal fittings I/79 GW-R) metal spatter (MM) lateral deformation (LD) 			<ul style="list-style-type: none"> Temperatures up to +150 °C (only when used in conjunction with special internal fittings I/79 GW-R) metal spatter (MM) lateral deformation (LD) 			<ul style="list-style-type: none"> Temperatures up to +150 °C (only when used in conjunction with special internal fittings I/79 GW-R) metal spatter (MM) lateral deformation (LD) 					
internal equipment												
Type	I/79 GD-R	I/79 GW-R	I/79 GD-R	I/79 GW-R	I/79 GD-R	I/79 GW-R	I/79 GD-R	I/79 GW-R	I/79 GD-R	I/79 GW-R		
Special feature	–	tested to supplementary requirement +150 °C	–	tested to supplementary requirement +150 °C	–	tested to supplementary requirement +150 °C	–	tested to supplementary requirement +150 °C	–	tested to supplementary requirement +150 °C		
Webbing	6 point	6 point	6 point	6 point	6 point	6 point	6 point	6 point	6 point	6 point		
Version	with screw cap	with screw cap (flame retardant)	with screw cap	with screw cap (flame retardant)	with screw cap	with screw cap (flame retardant)	with screw cap	with screw cap (flame retardant)	with screw cap	with screw cap (flame retardant)		
Eye protection	possible	–	possible	–	possible	–	possible	–	possible	–		
Sweat band	real leather	real leather	real leather	real leather	real leather	real leather	real leather	real leather	real leather	real leather		
Cushion strip	standard	standard	standard	standard	standard	standard	standard	standard	standard	standard		
Chin strap suspension	4 point	2 point	4 point	2 point	4 point	2 point	4 point	2 point	4 point	2 point		
Variant type	I/79 GD		I/79 GW		I/79 GD		I/79 GW		I/79 GD		I/79 GW	
Version	without screw cap	without screw cap	without screw cap	without screw cap	without screw cap	without screw cap	without screw cap	without screw cap	without screw cap	without screw cap		
helmet features												
Series	–			rain gutter			rain gutter					
Factory fitted option	<ul style="list-style-type: none"> 16 mm double slots integrated eye protection (only helmet size 2) side ventilation (adjustable) hole in visor headtorch bracket cable loop all-round reflective film 			<ul style="list-style-type: none"> 16 mm double slots side ventilation (adjustable) hole in visor headtorch bracket cable loop all-round reflective film 			<ul style="list-style-type: none"> 16 mm double slots side ventilation (adjustable) hole in visor headtorch bracket cable loop all-round reflective film 					
Accessories (→Pages 47–53)	<ul style="list-style-type: none"> face protection eye protection screen neck protection hearing protection chin strap sweat bands reflective film 			<ul style="list-style-type: none"> face protection eye protection screen neck protection hearing protection chin strap sweat bands reflective film 			<ul style="list-style-type: none"> face protection eye protection screen neck protection hearing protection chin strap sweat bands reflective film 					
version												
Size	1	2	3	1	2	3	1	2	3			
Head circumference	52–56cm	53–61cm	59–63cm	52–56cm	53–61cm	59–63cm	52–56cm	53–61cm	59–63cm			
Colours	<ul style="list-style-type: none"> RAL 9016 RAL 1023 RAL 5017 RAL 3020 RAL 6024 special metallic colours 	<ul style="list-style-type: none"> RAL 9016 RAL 1023 RAL 5017 RAL 3020 RAL 6024 RAL 2009 RAL 7042 special metallic colours 	<ul style="list-style-type: none"> RAL 9016 RAL 1023 RAL 5017 special metallic colours 	–	<ul style="list-style-type: none"> RAL 9016 RAL 1023 RAL 5017 RAL 3020 RAL 6024 RAL 2009 special metallic colours 	–	–	<ul style="list-style-type: none"> RAL 9016 RAL 1023 RAL 5017 RAL 3020 RAL 6024 RAL 2009 special metallic colours 	<ul style="list-style-type: none"> RAL 9016 special metallic colours 			
Branding	pad printing			pad printing			pad printing					
Item Size	Front 2,3 x 3 cm	Side 9 x 3 cm	Front 2,3 x 3 cm	Side 9 x 3 cm	Front 2,3 x 3 cm	Side 9 x 3 cm	Front 4,5 x 4,5 cm	Side 9 x 3 cm	Front 4,5 x 4,5 cm	Side 9 x 3 cm		
parameter												
Shape	straight			straight			with extended neck section					
Material	UP-GF /Polyester fibreglass)			UP-GF /Polyester fibreglass)			UP-GF /Polyester fibreglass)					
Weight	approx. 405 g (size 2)			approx. 420g			approx. 460 g (size 2)					