

# BEN

## Industrial helmet

### Main applications:

- ✓ Hot industries
- ✓ Chemical industry
- ✓ Jobs with high UV exposure
- ✓ Jobs with high, many-sided protection requirements "high-performance all-round helmet"

### Product benefits:

- ✓ Dimensionally stable at high temperatures
- ✓ High penetration resistance and impact strength
- ✓ High lateral rigidity
- ✓ Insensitive to chemicals
- ✓ High ageing stability (long service life)
- ✓ High wear comfort and secure fit through ergonomically formed, height-adjustable suspension



**Outer shell:** Straight helmet shape

### Helmet shell material:

Duroplastic		Thermoplastic	
<input type="checkbox"/> UP-GF glass fibre reinforced unsaturated polyester	<input checked="" type="checkbox"/> PF-SF textile/phenolic resin	<input type="checkbox"/> HDPE high-density polyethylene	<input type="checkbox"/> ABS ABS-copolymer

### Alternative suspension:

Type	AS	Description	SP	P	SB
<input checked="" type="checkbox"/> I/79 GD	✓	6-point webbing	-	✓	✓
<input checked="" type="checkbox"/> I/79 GD-R	✓	6-point webbing	-	✓	✓
<input checked="" type="checkbox"/> I/80 D <sup>4</sup>	-	6-point plastic spider	-	✓	-
<input checked="" type="checkbox"/> I/79 GW <sup>4,5</sup>	-	6-point webbing	-	✓	✓
<input checked="" type="checkbox"/> I/52 RENL <sup>4,5</sup>	✓	6-point spring band steel with textile strap	-	-	✓

AS = version for eye protection SP= special padding strips P = padding strips SB = sweatband

### Sizes:

1	2	3
Head size range in cm:		
52-56	53-61	59-63

### Colours:<sup>1</sup>

Colour	RAL	52-56	53-61	59-63
Natural fibre look		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
White	RAL 9016	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Yellow	RAL 1023	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blue	RAL 5017	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Red	RAL 3020	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Green	RAL 6024	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Orange	RAL 2009	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grey	RAL 7042	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brown	RAL 8007	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Black	RAL 9017	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Special colours (on request)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Luminescent		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Metallised		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Certification:

<input checked="" type="checkbox"/> DIN EN 397 European standard for industrial safety helmets	<input type="checkbox"/> ANSI American standard for work safety helmets	<input type="checkbox"/> DIN EN 812 European standard for bump caps
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### Additional safety characteristics:

Antistatic to DIN EN 1127-1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Safety characteristics at low temperature	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Electrically insulating helmet in accordance with DIN EN 50365	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Electrical safety characteristics <sup>2</sup>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Heat-relevant safety characteristics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Lateral stress characteristics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### Other helmet equipment (ex works):

<input type="checkbox"/> Accessory slot 16 mm	<input type="checkbox"/> Accessory slot 30 mm	<input type="checkbox"/> Integrated eye protector <sup>6</sup>
<input type="checkbox"/> Side vent (adjustable)	<input type="checkbox"/> Without side vent if required	<input type="checkbox"/> Crown vent
<input type="checkbox"/> Rain gutter	<input type="checkbox"/> Smaller helmet peak	<input type="checkbox"/> Hole on helmet peak
<input type="checkbox"/> Sweatband imitation leather <sup>7</sup> (SB)	<input checked="" type="checkbox"/> Sweatband natural leather <sup>7</sup> (SB)	<input type="checkbox"/> All-round reflective foil
<input type="checkbox"/> Lamp holder	<input type="checkbox"/> Cable loop	<input checked="" type="checkbox"/> Chinstrap holder

### Adaptable accessories:

<input type="checkbox"/> Face shield	<input type="checkbox"/> Nape protector	<input type="checkbox"/> Ear defender
<input type="checkbox"/> 2-point chinstrap	<input type="checkbox"/> 4-point chinstrap <sup>8</sup>	<input type="checkbox"/> Special chinstrap
<input type="checkbox"/> Imitation leather sweatband	<input type="checkbox"/> Natural leather sweatband	<input type="checkbox"/> Sweatband Coolmax <sup>®</sup> (SB)
<input type="checkbox"/> Special padding strip white (SP)		

### Marking surface (for company logo, etc.):

Method	Front (BxH)	Side (BxH)	Back (BxH)
Hot stamping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pad printing	<input checked="" type="checkbox"/> 2,3 x 3 cm	<input checked="" type="checkbox"/> 9 x 3 cm	<input type="checkbox"/>

### Reference weight:

Helmet shell size 2: approx. 400 g
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### Key:

- Items supplied/as standard
- Partially as standard
- Optionally available
- Not available

<sup>1</sup> Applies to standard suspensions I/79 G, I/79 GD, I/79-4G, I/79 GY, I/91 G

<sup>2</sup> Only for helmet versions without ventilation

<sup>3</sup> Only in conjunction with suspension I/79 GW

<sup>4</sup> Suspension may not be available with all helmet sizes and helmet colours

<sup>5</sup> For jobs with high heat exposure (in relation to the surrounding atmosphere)

<sup>6</sup> Not for size 2 and suspensions I/79 G (AS version), I/79 GD (AS version), I/80 B, I/52 RENL

<sup>7</sup> Not for suspensions I/80 D, I/80, I/80 Y, I/BC, I/7B; only partially for I/80 B

<sup>8</sup> Only for suspensions I/79 G, I/79 GD, I/79-4G, I/79 GY and AS versions